

# Delphi Xe2 Foundations

An Introduction  
 Dependency Injection in Delphi  
 Conflicting Objectives in Decisions  
 Delphi GUI Programming with FireMonkey  
 Theory Through Practice  
 Learn all about building fast, scalable, and high performing applications with Delphi  
 A Pragmatic Approach  
 Efficient Production and Processing  
 Coding in Delphi  
 Gray Hat Hacking, Second Edition  
 Delphi Programming Projects  
 Database Systems  
 Engineering in Dependability of Computer Systems and Networks  
 Group Recommender Systems  
 Gray Hat Hacking: The Ethical Hacker's Handbook, Fifth Edition  
 Code Faster in Delphi  
 Object Pascal Handbook Delphi 10.4 Sydney Edition  
 Introducing Delphi Programming  
 Functional Concurrency in . Net  
 Embedded Case Study Methods  
 Integrating Quantitative and Qualitative Knowledge  
 Tomes of Delphi  
 Ecological Pioneers  
 A Pocket Guide to the Delphi and Object Pascal Language  
 Proceedings of ICEPP 2021  
 Mastering Delphi 7  
 Delphi XE2 Foundations  
 Delphi Cookbook  
 Control of Power Electronic Converters and Systems  
 Win 32 Shell API Windows 2000 Edition  
 Fearless Cross-Platform Development with Delphi  
 Buffer Overflow Attacks  
 Delphi Quick Syntax Reference  
 Build a range of exciting projects by exploring cross-platform development and microservices  
 Delphi High Performance  
 Delphi Developer's Handbook  
 The Tomes of Delphi  
 Expand your Delphi skills to build a new generation of Windows, web, mobile, and IoT applications  
 With Examples in C# and F#  
 Recent Research in Control Engineering and Decision Making

*Delphi Xe2 Foundations*

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## NICKOLAS BRIANA

**An Introduction** Packt Publishing Ltd

In an embedded case study, the starting and end point is the comprehension of the case as a whole in its real-world context. However, in the course of analysis the case will be faceted either by different perspectives of inquiry or by several sub-units. The book presents different methodological approaches to organize this faceting process. It uses the power of the system approach in order to apply methods, which allow a scientific treatment of complex cases in a way that will be also acknowledged by the quantitative research community. The authors emphasize that a qualitative analysis starting from the real-world level is an indispensable part of case analysis. Thus the book bridges the gap between quantitative and qualitative approaches to complex problems when using the case study methodology.

**Dependency Injection in Delphi** БХВ-Петербург

This book presents group recommender systems, which focus on the determination of recommendations for groups of users. The authors summarize different technologies and applications of group recommender systems. They include an in-depth discussion of state-of-the-art algorithms, an overview of industrial applications, an inclusion of the aspects of decision biases in groups, and corresponding de-biasing approaches. The book includes a discussion of basic group recommendation methods, aspects of human decision making in groups, and related applications. A discussion of open research issues is included to inspire new related research. The book serves as a reference for researchers and practitioners working on group recommendation related topics.

**Conflicting Objectives in Decisions** Pearson Education

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.

*Delphi GUI Programming with FireMonkey* Oxford University Press, USA

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;

**Theory Through Practice** Packt Publishing Ltd

Improve your Delphi programming skills by building robust applications for Android, iOS, and Windows platform Key Features Build responsive user interfaces (UIs) for desktop and mobile with FireMonkey Implement a microservices architecture using the Rapid Application Development(RAD) server Create clones of popular applications like Instagram and Facebook using Delphi 10.3 Book 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 learn Get to grips with the advanced features of RTL Understand how to deal with the paradigm change between multiplatform projects Build rich interfaces with Google's Material Design features Understand how to implement design patterns in Delphi Turn a mobile device into a remote controller with app tethering technology Build a multi-database system using VCL Who 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.

*Learn all about building fast, scalable, and high performing applications with Delphi* Academic Press "A fantastic book for anyone looking to learn the tools and techniques needed to break in and stay in." --Bruce Potter, Founder, The Shmoo Group "Very highly recommended whether you are a seasoned professional or just starting out in the security business." --Simple Nomad, Hacker

*A Pragmatic Approach* Packt Publishing Ltd

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.

**Efficient Production and Processing** Springer Nature

Use structural, behavioral, and concurrent patterns in Delphi to skillfully develop applications Key Features Delve into the core patterns and components of Delphi to enhance your application's design Learn how to select the right patterns to improve your program's efficiency and productivity Discover how parallel programming and memory management can optimize your code Book Description Delphi is a cross-platform Integrated Development Environment (IDE) that supports rapid application development for most operating systems, including Microsoft Windows, iOS, and now Linux with RAD Studio 10.2. If you know how to use the features of Delphi, you can easily create scalable applications in no time. This Learning Path begins by explaining how to find performance bottlenecks and apply the correct algorithm to fix them. You'll brush up on tricks, techniques, and best practices to solve common design and architectural challenges. Then, you'll see how to leverage external libraries to write better-performing programs. You'll also learn about the eight most important patterns that'll enable you to develop and improve the interface between items and harmonize shared memories within threads. As you progress, you'll also delve into improving the performance of your code and mastering cross-platform RTL improvements. By the end of this Learning Path, you'll be able to address common design problems and feel confident while building scalable projects. This Learning Path includes content from the following Packt products: Delphi High Performance by Primož Gabrijelčič Hands-On Design Patterns with Delphi by Primož Gabrijelčič What you will learn Understand parallel programming and work with the various tools included with Delphi Explore memory managers and their implementation Leverage external libraries to write better-performing programs Keep up to date with the latest additions and design techniques in Delphi Get to grips with various modern multithreading approaches Break a design problem down into its component parts Who this book is for This Learning Path is for intermediate-level Delphi programmers who want to build robust applications using Delphi features. Prior knowledge of Delphi is assumed.

**Coding in Delphi** Createspace Independent Publishing Platform

The SANS Institute maintains a list of the "Top 10 Software Vulnerabilities." At the current time, over half of these vulnerabilities are exploitable by Buffer Overflow attacks, making this class of attack one of the most common and most dangerous weapon used by malicious attackers. This is the first

book specifically aimed at detecting, exploiting, and preventing the most common and dangerous attacks. Buffer overflows make up one of the largest collections of vulnerabilities in existence; And a large percentage of possible remote exploits are of the overflow variety. Almost all of the most devastating computer attacks to hit the Internet in recent years including SQL Slammer, Blaster, and I Love You attacks. If executed properly, an overflow vulnerability will allow an attacker to run arbitrary code on the victim's machine with the equivalent rights of whichever process was overflowed. This is often used to provide a remote shell onto the victim machine, which can be used for further exploitation. A buffer overflow is an unexpected behavior that exists in certain programming languages. This book provides specific, real code examples on exploiting buffer overflow attacks from a hacker's perspective and defending against these attacks for the software developer. Over half of the "SANS TOP 10 Software Vulnerabilities" are related to buffer overflows. None of the current-best selling software security books focus exclusively on buffer overflows. This book provides specific, real code examples on exploiting buffer overflow attacks from a hacker's perspective and defending against these attacks for the software developer.

**Gray Hat Hacking, Second Edition** Packt Publishing Ltd

Introducing programmers to the new development environment for Windows that allows creation of high-performance applications, a book and disk explore Delphi's features and show how to construct one hundred step-by-step examples, from basic programming to complex Windows applications. Original. (All Users).

*Delphi Programming Projects* Apress

Database Systems: A Pragmatic Approach is a classroom textbook for use by students who are learning about relational databases, and the professors who teach them. It discusses the database as an essential component of a software system, as well as a valuable, mission critical corporate resource. The book is based on lecture notes that have been tested and proven over several years, with outstanding results. It also exemplifies mastery of the technique of combining and balancing theory with practice, to give students their best chance at success. Upholding his aim for brevity, comprehensive coverage, and relevance, author Elvis C. Foster's practical and methodical discussion style gets straight to the salient issues, and avoids unnecessary fluff as well as an overkill of theoretical calculations. The book discusses concepts, principles, design, implementation, and management issues of databases. Each chapter is organized systematically into brief, reader-friendly sections, with itemization of the important points to be remembered. It adopts a methodical and pragmatic approach to solving database systems problems. Diagrams and illustrations also sum up the salient points to enhance learning. Additionally, the book includes a number of Foster's original methodologies that add clarity and creativity to the database modeling and design experience while making a novel contribution to the discipline. Everything combines to make Database Systems: A Pragmatic Approach an excellent textbook for students, and an excellent resource on theory for the practitioner.

*Database Systems* Sams Publishing

Functional languages help developers support concurrency by encouraging immutable data structures that can be passed between threads without having to worry about a shared state, all while avoiding side effects. Concurrency in .NET teaches readers how to build concurrent and scalable programs in .NET using the functional paradigm. This intermediate-level guide is aimed at developers, architects, and passionate computer programmers. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.

*Engineering in Dependability of Computer Systems and Networks* SAGE

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 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.

**Group Recommender Systems** Delphi XE2 Foundations 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 available separately.)Fearless Cross-

Platform Development with DelphiExpand your Delphi skills to build a new generation of Windows, web, mobile, and IoT applications

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

*Gray Hat Hacking: The Ethical Hacker's Handbook, Fifth Edition* Packt Publishing Ltd

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.

**Code Faster in Delphi** Packt Publishing Ltd

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 available separately.)

*Object Pascal Handbook Delphi 10.4 Sydney Edition* Springer Nature

Delphi XE2 Foundations

**Introducing Delphi Programming** 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.

*Functional Concurrency in .Net* Springer

"Delphi Developer's Handbook" lets programmers master the Delphi 95 language, making professional client/server programming and Rapid Application Development accessible to every reader who needs to master these skills. The CD includes the full source code and compiled executables of all of the examples in the book.

**Embedded Case Study Methods** Sybex

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.

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