

Visual Basic While Loop World Class Cad

Teach your students how to use Visual Basic to transform program logic and design concepts into working programs with Smith's MICROSOFT VISUAL BASIC PROGRAMS TO ACCOMPANY PROGRAMMING LOGIC AND DESIGN, 8E. Specifically designed to be paired with the latest edition of Farrell's highly successful PROGRAMMING LOGIC AND DESIGN, this guide combines the power of Visual Basic with the language-independent, logical approach of the PROGRAMMING LOGIC AND DESIGN text. Together, the two books provide the perfect opportunity for those who want to learn the fundamentals of programming, while also learning an actual leading programming language. This guide combines clear explanations of concepts and syntax with pseudocode, complete programming examples, numerous visuals, and actual every day and business Visual Basic code examples. Students practice concepts with both lab exercises and additional handwritten practice opportunities in each section. With MICROSOFT VISUAL BASIC PROGRAMS TO ACCOMPANY PROGRAMMING LOGIC AND DESIGN, 8E, readers discover how real Visual Basic code functions while still mastering concepts and taking advantage of the strengths of a traditional language-independent logic and design course. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook

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version.

You can get there Where do you want to go? You might already be working in the information technology field and may be looking to expand your skills. You might be setting out on a new career path. Or, you might want to learn more about exciting opportunities in computer programming. Wherever you want to go, Introduction to Programming Using Visual Basic will help you get there. Easy-to-read, practical, and up-to-date, this text not only helps you learn the fundamental concepts of programming with Visual Basic, it also helps you master the core competencies and skills you need to succeed in the classroom and in the real world. The book's brief, modular format and variety of built-in learning resources enable you to learn at your own pace and focus your studies. With this book, you will be able to:

- * Understand the fundamentals of programming using Microsoft Visual Studio 2005 and Microsoft Visual Basic 2005, from the ground up
- * Break down what a program should do into steps and write code that describes those steps to the compiler
- * Use variables, constants, and operators to store and perform operations on data within a program
- * Save time with reusable code
- * Use arrays and collections to manage lists of data
- * Design an effective, easy-to-use user interface
- * Apply object-oriented programming to build your own classes and use them in your projects
- * Access relational data in an application
- * Read data from and write data to files using Visual Basic
- * Debug and handle exceptions in an application
- * Deploy an application
- * Build a Web application with Visual Basic, ASP.Net, and HTML.

Wiley

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Pathways helps you achieve your goals Not every student is on the same path, but every student wants to succeed. The Information Technology series in the new WileyPathways imprint helps you achieve your goals. The books in this series--Introduction to Databases, Introduction to Programming Using Visual Basic, Introduction to Operating Systems, Networking Basics, Windows Network Administration, Network Security Fundamentals, and PC Hardware Essentials--offer a coordinated information technology curriculum. Learn more at www.wiley.com/go/pathways

This book is written for SQL Server 2008. However, it does maintain roots going back a few versions and looks out for backward compatibility issues with SQL Server 2005 and SQL Server 2000. These versions are old enough that there is little to no time spent on them except in passing. The book is oriented around developing on SQL server. Most of the concepts are agnostic to what client language you use although the examples that leverage a client language general do so in C#. For those who are migrating from early versions of SQL Server, some "gotchas" that exist any time a product has versions are discussed to the extent that they seem to be a genuinely relevant issue. This book assumes that you have some experience with SQL Server and are at an intermediate to advanced level. The orientation of the book is highly developer focused. While there is a quick reference-oriented appendix, there is very little coverage given to beginner level topics. It is assumed that you already have experience with data manipulation language (DML) statements and know the

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basics of the mainstream SQL Server objects (views, stored procedures, user defined functions, etc.). If you would like to brush up on your knowledge before diving into this book, the author recommends reading *Beginning SQL Server 2008 Programming* first. There is very little overlap between the *Beginning* and *Professional* books and they are designed to work as a pair.

This book continues to reflect our experience that topics once considered too advanced can be taught in the first course. The text addresses metalanguages explicitly as the formal means of specifying programming language syntax.

Visual Basic 2005 in Simple Steps is a book that provides you with complete material to learn Visual Basic 2005. Precise and complete, with an easy to understand, lots of examples to support the concepts and use of practical approach in presentation are some of the features that make the book unique in itself.

- Ted Pattison is a revered Visual Basic developer, trainer, and author >• Addresses the main stumbling point keeping experienced Visual Basic 6 developers from migrating to Visual Basic .NET >• Provides not only a deep conceptual understanding of object-oriented theory from a Visual Basic perspective, but also a practical guide to using modern OOP concepts effectively

The books included in this set are: 9780470502204 *Professional ASP.NET 4: in C# and VB*: Written by three highly recognized and regarded ASP.NET experts, this book provides comprehensive coverage on ASP.NET 4

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with a unique approach featuring examples in both C# and VB, as is the incomparable coverage of core ASP.NET. After a fast-paced refresher on essentials such as server controls, the book delves into expert coverage of all the latest capabilities of ASP.NET 4. 9780470502259 Professional C# 4 and .NET 4: After a quick refresher on C# basics, the author dream team moves on to provide you with details of language and framework features including LINQ, LINQ to SQL, LINQ to XML, WCF, WPF, Workflow, and Generics. Coverage also spans ASP.NET programming with C#, working in Visual Studio 2010 with C#, and more. With this book, you'll quickly get up to date on all the newest capabilities of C# 4. 9780470548653 Professional Visual Studio 2010: This book gets you quickly up to speed on what you can expect from Visual Studio 2010. Packed with helpful examples, this comprehensive guide examines the features of Visual Studio 2010, which allows you to create and manage programming projects for the Windows platform. It walks you through every facet of the Integrated Development Environment (IDE), from common tasks and functions to its powerful tools 9780470499832 Visual Basic 2010 Programmer's Reference: This reference guide provides you with a broad, solid understanding of essential Visual Basic 2010 topics and clearly explains how to use this powerful programming language to perform a variety of tasks. As a tutorial, the book describes the Visual Basic language and covers essential Visual Basic topics. The material presents categorized information regarding specific operations and reveals useful tips, tricks, and tidbits to

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help you make the most of the new Visual Basic 2010.

9780470477229 WPF Programmer's Reference:

Windows Presentation Foundation with C# 2010 and

.NET 4: Written by a leading expert on Microsoft

graphics programming, this richly illustrated book

provides an introduction to WPF development and

explains fundamental WPF concepts. It is packed with

helpful examples and progresses through a range of

topics that gradually increase in their complexity.

9780470257029 Professional SQL Server 2008

Programming: This expanded best-seller includes new

coverage of SQL Server 2008's new datatypes, new

indexing structures, manageability features, and

advanced time-zone handling. As an added bonus, also

includes Professional SQL Server 2005 Programmers for

.NET 4 developers still working in a SQL Server 2005

setting.

Building Distributed Applications with Visual Basic.NET

provides corporate developers with the .NET Framework

techniques necessary to build distributed and reusable

business systems in VB.NET. Covered topics include:

VB.NET and the .NET Framework architecture and language

concepts; building distributed applications with VB.NET using

ADO.NET, XML, ASP.NET, SOAP, and COM+; and

enterprise integration using the Services Framework.

For undergraduate students in business, MIS, CIS, IT and

other computing departments at 2 and 4 year schools

learning Visual Basic for the first time. In Starting Out with

Visual Basic 2010, Tony Gaddis and Kip Irvine take a step-by-

step approach, helping students understand the logic behind

developing quality programs while introducing the Visual

Basic 2010 language. Fully-updated throughout, the 2010

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edition also includes an extensive set of all-new VideoNotes, including walk-throughs of many of the in-chapter tutorials Computing Projects In Visual Basic. NET has been written mainly for students of AS/A level Computing, 'A' level ICT and Advanced VCE ICT. The book covers everything needed to write a large program.

Visual Basic.NetPearson Education India

Most Visual Basic .NET books are written for experienced object-oriented programmers, but many programmers jumping on the .NET bandwagon are coming from non-object-oriented languages, such as Visual Basic 6.0 or from script programming, such as JavaScript. These programmers, and those who are adopting VB.NET as their first programming language, have been out of luck when it comes to finding a high-quality introduction to the language that helps them get started. That's why Jesse Liberty, author of the best-selling books Programming C# and Programming ASP.NET, has written an entry-level guide to Visual Basic .NET. Written in a warm and friendly manner, this book assumes no prior programming experience, and provides an easy introduction to Microsoft's most popular .NET language. Learning Visual Basic .NET is a complete introduction to VB.NET and object-oriented programming. This book will help you build a solid foundation in .NET, and show how to apply your skills by using hundreds of examples to help you become productive quickly. Learning Visual Basic .NET introduces fundamentals like Visual Studio .NET, a tool set for building Windows and Web applications. You'll learn about the syntax and structure of the Visual Basic .NET language, including operators, classes and interfaces, structs, arrays, and strings. Liberty then demonstrates how to develop various kinds of applications--including those that work with databases--and web services. By the time you've finished Learning Visual Basic .NET, you'll be ready to move on to a more advanced

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programming guide that will help you create large-scale web and Windows applications. Whether you have a little object-oriented programming experience or you are new to programming altogether, Visual Basic .NET will set you firmly on your way to mastering the essentials of the VB.NET language.

Sams Teach Yourself Beginning Programming in 24 Hours, Second Edition explains the basics of programming in the successful 24-Hours format. The book begins with the absolute basics of programming: Why program? What tools to use? How does a program tell the computer what to do? It teaches readers how to program the computer and then moves on by exploring the some most popular programming languages in use. The author starts by introducing the reader to the Basic language and finishes with basic programming techniques for Java, C++, and others.

Preparing readers to program in C#, this authoritative guide provides the necessary background information on how the .NET architecture works Begins with a tutorial on C# 2005 and the .NET 3.0 Framework, then moves through the vast .NET class library, showing how C# can be used to solve various tasks Includes coverage of the new .NET 3.0 Framework, Generics, ObjectSpaces, .NET 3.0 in SQL Server, ASP.NET 3.0, Windows Communication Foundation, Windows Workflow Foundation, Windows Presentation Foundation, arrays, system transactions, tracing, and event logging Additional coverage includes such topics as writing Windows applications and Windows services, writing Web pages and Web services with ASP.NET 3.0, manipulating XML using C# 2005, and generating graphics using C# 2005 The new edition of the ultimate comprehensive guide to Microsoft Visual Basic Where most VB books start with beginner level topics, Mastering Visual Basic 2010 vaults you right into intermediate and advanced coverage. From the core

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of the language and user interface design to developing data-driven applications, this detailed book brings you thoroughly up to speed and features numerous example programs you can use to start building your own apps right away. Covers Visual Basic 2010, part of Microsoft's Visual Studio integrated development environment (IDE), which includes C#, C++, Visual Web Developer, and ASP.NET, along with Visual Basic Explains topics in the thorough, step-by-step style of all books in the Mastering series, providing you ample instruction, tips, and techniques Helps you build your own applications by supplying sample code you can use to start development Includes review exercises in each chapter to reinforce concepts as you learn All the books in the Sybex Mastering series feature comprehensive and expert coverage of topics you can put to immediate use. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

This title teaches Object-Oriented Programming using Visual Basic .NET instead of Java or C++. The chapters are sequenced in a manner that continually builds a solid foundation of understanding for the next topic.

Visual Basic is a favorite programming language, so if you're new to programming, it's a great place to start. Visual Basic 2008 For Dummies is the fun and easy way to begin creating applications right away while you get the hang of using the Visual Studio environment. Soon you'll be building all sorts of useful stuff with VB 2008! This step-by-step guide walks you through a logical series of tasks that build your skills as you get comfortable with .Net terminology, theory, tools, and design principles. You'll learn how to build an application in four different architectural styles, and you'll find out how to make your programs validate input and output, make decisions, and protect themselves from security threats.

Discover how to: Install the Visual Studio environment Write a

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VB program Use Web forms, Windows forms, and Web services Establish good programming practices Create class libraries Write secure applications Debug your applications Work with strings and “if-then” statements Iterate with counted and nested loops Pass arguments and get return values Access data with VB.NET Work with the file system using VB You'll also find great tips for working with the VB user interface, using VB.NET in C# programming, troubleshooting your VB programs, taking your programming to the next level, and more! Once you get your hands on Visual Basic 2008 For Dummies, you'll be programming like a genius in no time!

Offers a tutorial for creating applications with Visual Basic within the .NET platform, covering topics including user interfaces, object-oriented programming, application deployment, and XML.

The goal of Visual Basic for Testers is to teach you how to use Visual Basic to increase your level of sophistication as a tester. You'll learn how to use VB to write an automated testing project and what to look for in a well-written VB program. Author Mary Sweeney will help you gain the experience necessary both to use VB to support an automated text project and to text a commercial application written in VB. Since testers often want to move to development tracks, Sweeney also presents information on programming and the issues involved in maintenance and debugging.

Visual Basic.NET has been written keeping in mind courses in Visual Programming offered in B.E., B.Tech, BSc (Computer Science), IT BCA, MCA, and professional courses. The book is ideally designed for the beginner to the intermediate level readers.

Describes the concepts of programming with Visual Basic 2005, covering such topics as classes, structures,

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inheritance, interfaces, and syntax.

This second edition of Excel Basics to Blackbelt capitalizes on the success of the first edition and leverages some of the advancements in visualization, data analysis, and sharing capabilities that have emerged over the past five years. As with the original text, the second edition is intended to serve as an accelerated guide to decision support designs for consultants and service professionals. This 'fast track' enables a ramping up of skills in Excel for those who may have never used it to reach a level of mastery that will allow them to integrate Excel with widely available associated applications, make use of intelligent data visualization and analysis techniques, automate activity through basic VBA designs, and develop easy-to-use interfaces for customizing use. In other words, this book provides users with lessons and examples on integrative Excel use that are not available from alternative texts. Covers topics including .NET Framework and CLR fundamentals, .NET features, Web services, programming with GDI+, and interoperability, and provides a Visual Basic .NET overview.

The VB 2008 language is your gateway to the powerful .NET platform. VB combined with Visual Studio gives you the freedom to create your applications faster and with a greater range of tools than any other coding environment. In this book, author Christian Gross will walk you through everything you need to know in order to feel at home in the VB 2008 coding environment. You'll start creating real applications in the first few pages of Beginning VB 2008 and encounter good design

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and testing habits in every chapter. You'll not only learn the language, but also appreciate the mindset of an accomplished developer as you progress through the book.

A demonstration of BizTalk fundamentals covers installation and configuration as well as architecture, mapping, integration, and troubleshooting.

Introduction to Programming with Visual Basic .NET introduces the major concepts and applications of this important language within the context of sound programming principles, in a manner that is accessible to students and beginning programmers. Coverage includes the new visual objects required in creating a Windows-based graphical user interface, event-based programming, and the integration of traditional procedural programming techniques with VB .NET's object-oriented framework. The text places a strong emphasis on real-world business applications, case studies, and rapid application development to help engage students with discussion of practical programming issues. A full range of supplements for students and instructors accompany the text.

Whether you are using WinForms, WebForms, or Web Services, Database Access with Visual Basic .NET, Third Edition , is your practical guide to developing database applications with Visual Basic .NET and ADO.NET. The authors provide real-world solutions to the data-access issues Visual Basic .NET developers face every day and share their secrets for becoming a more effective database programmer using .NET technologies. The book begins by reviewing the

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fundamentals of database development, Structured Query Language (SQL), and Microsoft SQL Server(tm) 2000. It then examines how to use the major ADO.NET objects to access data stored in relational databases. Through detailed examples, readers learn how to use properties and methods, as well as more advanced features and techniques. Extensive code listings in Visual Basic .NET illustrate each concept, while business cases apply concepts to real-world applications. The final chapters provide a solid examination of how XML and ASP.NET integrate with ADO.NET to create various types of database applications. A companion Web site provides the code used in the book's myriad examples, all of which is compatible with Visual Basic .NET 2003. Key topic coverage includes: SQL queries and commands Using SQL Server 2000 ADO.NET objects Advanced ADO.NET features and techniques SQL Server and OLEDB, as well as ODBC .NET Data Providers Using Visual Studio .NET Data Projects for managing SQL Scripts Integrating XML with ADO.NET Developing Web-based database applications with ASP.NET Web services and middle-tier objects Database Access with Visual Basic .NET, Third Edition , equips VB developers with the knowledge and skills needed to build a powerful new generation of database applications in less time using .NET technologies.

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Visual Basic Programmer's Guide to the .NET Framework Class Library is the definitive guide every Visual Basic .NET developer needs to understand the capabilities of .NET namespaces and increase

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productivity inside the .NET framework. Lars Powers and Mike Snell have provided a comprehensive book that details the capabilities of the key namespaces, and then explains how to leverage them by extension or reference to create applications ranging from simple to complex. Each chapter provides a brief introduction to the selected technology, followed by detailed suggestions, reference material, and a sample application that illustrates common programming tasks using the classes, interfaces, delegates, and events of a specific .NET namespace. This book answers the primary questions that VB .NET developers will face as they start developing code in the .NET environment, including: What does the .NET class library provide me in terms of re-usable code? Are there .NET structures available that I can use to accomplish a specific task? How do I go about interfacing with the .NET framework through my code? Visual Basic Programmer's Guide to the .NET Framework Class Library is a comprehensive guide as you learn how to use the .NET Framework classes, then it will become a trusted reference as your experience and needs grow in the world of .NET.

ASP Made Simple provides a brief introduction to ASP for the person who favours self teaching and/or does not have expensive computing facilities to learn on. The book will demonstrate how the principles of ASP can be learned with an ordinary PC running Personal Web Server, MS Access and a general text editor like Notepad. After working through the material readers should be able to: * Write ASP

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scripts that can display changing information on a web browser * Request records from a remote database or add records to it * Check user names & passwords and take this knowledge forward, either for their own web-development projects or as a stepping-stone to understanding more formal texts

The ultimate developers' guide to Visual Studio 2012
This expert Wrox guide is what you need to get up and running quickly on Visual Studio 2012. Written by a Microsoft Visual C# MVP, it guides you through the integrated development environment (IDE), showing you how to maximize all new tools and improvements. Offers programmers a fast way to IDE-centric programming success Demonstrates new IDE features, including the new Metro style app project templates and Windows 8 app store features Explains each feature, then illustrates the context in which it will help you solve problems Covers timely and essential topics related to rich client app development, web applications, application services, file configuration, debugging and testing, and more Helps advanced users customize and extend Visual Studio through the Automation Model, writing macros, working with the Managed Extensibility Framework (MEF), and more Provides ample detail for programmers who are new to Visual Studio 2012, as well as for experienced programmers exploring the advanced capabilities of the IDE Professional Visual Studio 2012 uses a unique, IDE-centric

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approach to help you get up and running quickly on this exciting new release.

Enter a New World of Database Programming Visual Basic .NET and ADO.NET facilitate the development of a new generation of database applications, including disconnected applications that run on the Web. Mastering Visual Basic .NET Database Programming is the resource you need to thrive in this new world. Assuming no prior experience with database programming, this book teaches you every aspect of the craft, from GUI design to server development to middle-tier implementation. If you're familiar with earlier versions of ADO, you'll master the many new features of ADO.NET all the more quickly. You'll also learn the importance of XML within the new .NET paradigm. Coverage includes:

- Getting familiar with the ADO.NET object model
- Using the data access wizards
- Taking advantage of new SQL Server 2000 features
- Carrying out XSL Transformations and XPath queries
- Generating XML using the T-SQL FOR XML statement
- Binding controls to ADO.NET result sets
- Arriving at a sound database design
- Tuning your SQL Server 2000 database
- Using the XML Designer in Visual Studio .NET
- Leveraging the data access tools available in the Visual Studio .NET IDE
- Working with .NET data providers
- Choosing between streaming data and caching data
- Working with the Data Form Wizard in Visual Studio .NET
- Using advanced ADO.NET

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techniques Building a threaded application Using .NET's advanced exception handling capabilities Using the .NET Deployment Project Template Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Learning to program with Microsoft Visual Basic has never been easier! CLEARLY VISUAL BASIC: PROGRAMMING WITH MICROSOFT VISUAL BASIC 2012, 3E by best-selling programming author Diane Zak uses a simple, proven, step-by-step approach that's ideal for learning your first programming language. No prior programming experience is required. Clear, brief chapters introduce the latest Visual Basic 2012 -- today's most popular Microsoft programming language -- in small, manageable segments without cumbersome technical jargon. This easy-to-follow book focuses on the fundamentals to ensure you master essential programming and problem-solving skills that can easily transfer to other languages. This innovative text uses visualization and application to introduce the basics. Engaging figures emphasize important programming concepts, while memorable new examples place concepts into meaningful context. Expanded, new exercises let you apply what you're learning, while mini-quizzes help you check your understanding. The Read This Before You Begin section provides the technical information you need in one place and additional Want More Info? PDF

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files let you view extra examples and further explanations as you need them. Trust CLEARLY VISUAL BASIC: PROGRAMMING WITH MICROSOFT VISUAL BASIC 2012, 3E for the straight-forward approach to Visual Basic that you need for programming success. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Visual Basic for AVCE covers Edexcel Units 7 - Programming and Unit 22 - Programs: Specification to Production of the AVCE in Information and Communication Technology award. It also covers the AVCE Programming units for the other Examination Boards. Each Unit is divided into two parts: Part one teaches all the Visual Basic skills needed to produce a portfolio for the unit and Part two shows how to build this portfolio of practical work by using a sample case study and an assignment. Visual Basic is used to teach programming concepts and each unit contains a sample project of an appropriate standard. (The projects require Visual Basic version 4 or higher.)

A brand-new edition of the popular introductory textbook that explores how computer hardware, software, and networks work. Computers are everywhere. Some are highly visible, in laptops, tablets, cell phones, and smart watches. But most are invisible, like those in appliances, cars, medical

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equipment, transportation systems, power grids, and weapons. We never see the myriad computers that quietly collect, share, and sometimes leak personal data about us. Governments and companies increasingly use computers to monitor what we do. Social networks and advertisers know more about us than we should be comfortable with. Criminals have all-too-easy access to our data. Do we truly understand the power of computers in our world? In this updated edition of *Understanding the Digital World*, Brian Kernighan explains how computer hardware, software, and networks work. Topics include how computers are built and how they compute; what programming is; how the Internet and web operate; and how all of these affect security, privacy, property, and other important social, political, and economic issues. Kernighan touches on fundamental ideas from computer science and some of the inherent limitations of computers, and new sections in the book explore Python programming, big data, machine learning, and much more. Numerous color illustrations, notes on sources for further exploration, and a glossary explaining technical terms and buzzwords are included. *Understanding the Digital World* is a must-read for readers of all backgrounds who want to know more about computers and communications. Goes from the basics of classes, inheritance and interfaces to advanced concepts such as reflection,

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object persistence, design patterns and refactoring.

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