Delphi Prism™ XE

Cross-platform development solution for .NET and Mono
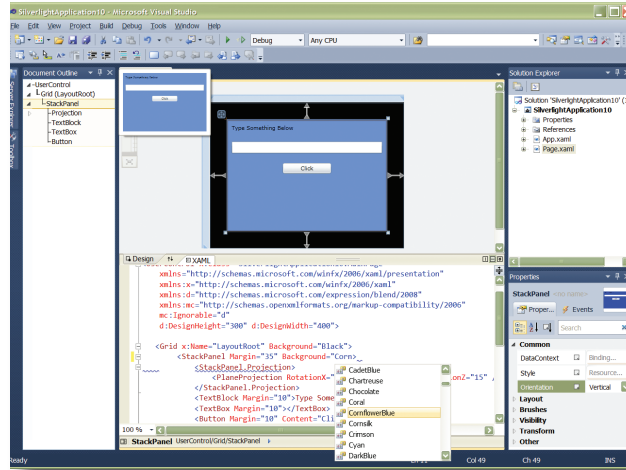
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Embarcadero® Delphi Prism™ XE provides a cross-platform development solution and robust programming language for rapidly developing .NET, Mono, ASP.NET, and data-driven applications for Windows®, Linux®, and Mac OS® X. Delphi Prism combines easy-to-learn syntax based on the Delphi language with features not available in other .NET programming languages, enabling developers to create cutting-edge applications.

- Cross-platform flexibility for Windows, Mac OS X, and Linux
- Exceed your expectations with the full-featured Delphi Prism development language
- Built on the latest .NET technologies
- Access more frameworks, platforms, and new language features

Rapidly build applications using WPF, ASP.NET, Windows Forms and more

CROSS-PLATFORM FLEXIBILITY FOR WINDOWS, MAC OS X, AND LINUX

Don't be locked in to a Windows-only approach to .NET development. Delphi Prism supports the latest .NET 4.0 Framework and the Mono framework for creating applications for Windows, Linux and Mac OS X. You can install Delphi Prism with a Visual Studio 2010 Shell based IDE, load Delphi Prism into Microsoft® Visual Studio® as a plug-in, or use the included cross-platform MonoDevelop IDE to do your application development on your choice of Windows or Mac OS X. Don't be limited in the applications you can create – use Delphi Prism and expand your horizons.

EXCEED YOUR EXPECTATIONS WITH THE FULL-FEATURED DELPHI PRISM DEVELOPMENT LANGUAGE

Delphi Prism provides an easy-to-learn, advanced language for the Microsoft .NET and Mono frameworks. While staying true to its Delphi and Pascal roots, the modern Delphi Prism language helps developers move into the future by providing innovative language features not found in other .NET languages, such as Aspect Oriented Programming (AOP), generics, sequences, queries, and parallel computing.

BUILT ON TODAY'S MOST ADVANCED TECHNOLOGIES INCLUDING .NET 4.0 AND INTEGRATION WITH VISUAL STUDIO 2010

Delphi Prism is built on the latest technology available from Microsoft. This includes the latest release of Visual Studio 2010 and the latest support for Microsoft's .NET 4.0 Framework. Delphi Prism enables developers to harness the power of both tools and libraries to build applications fast, using an easy to learn language that can take advantage of the entire stack of technology. It includes design-time and runtime support for Windows Forms, ASP.NET, Windows Presentation Foundation (WPF), and more.

ACCESS MORE FRAMEWORKS, PLATFORMS, AND NEW LANGUAGE FEATURES

Previous versions of Delphi Prism already supported many frameworks and technologies. Delphi Prism XE adds much more useful functionality available out of the box. New .NET 4.0 is fully supported and with the new improvements in supporting better native/managed interoperability, threading improvements, enhanced garbage collection, and many others. Plus, we've added new features to the Delphi Prism language including extension methods, support for BigInteger constants, introductory support for Tuple types and many others. You won't find such a wide range of out of the box functionality in any other .NET IDE on the market!.

Key Features

- Build .NET apps and cross-platform Mono apps targeting Windows, Linux and Mac OS X
- Easy-to-learn Delphi Prism programming language
- Visual Studio 2010 based IDE included or install into Visual Studio
- MonoDevelop IDE for development on Windows and Mac OS X
- Support for the latest .NET technologies
- .NET Framework 4.0 support
- .NET standard ADO database connectivity plus dbExpress for InterBase
- Build DataSnap .NET clients to connect to Delphi multi-tier middleware
- ASP.NET development for Web apps

New in XE!

- Subversion version control integration

Microsoft®
Visual Studio
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POWERED BY THE
RemObjects
Oxygene™ Compiler

Delphi Prism™ XE

Feature	Description
Delphi Prism Language	
Delphi-based Programming Language	The Delphi Prism programming language is easy to learn, easy to understand, and a great way for Delphi for Win32 developers to get started with .NET programming
Parallel Programming Features	Includes futures, parallel loops, asynchronous code blocks, locked/locking directives for parallel programming and support for the new parallel libraries of .NET 4.0
LINQ Query Expressions	Combines the querying capabilities of database languages such as SQL and applies it to any type of data, natively within the Delphi Prism language
Property Notifications	Makes it easy to develop solutions that follow the model/view/controller design pattern
Additional Language Features	Includes enhanced nullable types, class contracts, enhanced constructor calls, and class references
Aspect Oriented Programming	Change the behavior of code, add or remove fields, properties, events or methods and even extra classes
Target Multiple Platforms	
Target multiple .NET versions	Target .NET 2.0, 3.0, 3.5, and 4.0; plus .NET CF 2 and Silverlight 2, 3 and 4
Target Windows, Linux and Mac OS X with Mono applications	Supports multi-platform deployment of applications using Mono, an open source implementation of a .NET compatible runtime and toolset
Integrated Design Environment (IDE) and Visual Studio Integration	
Standalone or Visual Studio integrated install	Provides the flexibility to install as a standalone application using the included Visual Studio 2010 Shell IDE or integrate seamlessly with an existing install of the Visual Studio IDE
Windows Forms, WPF and ASP.NET form designers	Enable visual design of Windows and Web applications
Code Editor with IntelliSense, method hints and error markers	Speed coding with a code editor that completes statements and code fragments using pop-ups and auto-completion, hints that show the possible parameters for a given call, and markers that appear beneath potentially incorrect code
Import or Copy and Paste C# code as Delphi Prism code	Copy and paste or import C# code into Delphi Prism as Delphi Prism code to re-use code snippets and learn the Delphi Prism equivalent of C# code
Subversion integration	Perform common version control operations directly from inside the Delphi Prism IDE
Integrated Debugging	Quickly find and fix errors with a full set of local, managed, cross-thread and multi-process debugging tools
Cross-Platform MonoDevelop IDE Integration	
MonoDevelop IDE	Delphi Prism includes the MonoDevelop IDE for Windows and Mac OS X for multi-platform Mono development
Works with MonoTouch to create iPhone apps	Use Delphi Prism on the Mac with Novell MonoTouch (sold separately) to create apps for the iPhone OS
Web Application Development	
ASP.NET Development	Delphi Prism provides extensive support for the ASP.NET project system provided with Visual Studio including a dbExpress ASP provider for ASP.NET
Database Application Development, Access and Design	
ADO.NET Database Connectivity	The .NET programming environment for building database applications based on native database formats or XML data
dbExpress connectivity to InterBase	Provides ADO.NET connectivity to InterBase. Supports local connectivity in the Professional edition and both local and remote server connectivity in the Enterprise edition
Server Explorer	Server management window used to open data connections and to log on to servers and explore their databases and system services
DataSnap	Delphi Prism Enterprise nables building .NET DataSnap client applications that access a middle-tier application server that contains and manages remote data modules.

System Requirements

Hardware Requirements

- Computer with a 1.6GHz or faster processor, 1024 MB RAM (1.5 GB if running in a virtual machine), 3 GB of available hard-disk space, 5400 RPM hard drive, DirectX 9 capable video card running at 1024 x 768 or higher-resolution display

Supported Operating Systems (Visual Studio Shell IDE)

- Windows® XP (x86) with Service Pack 3
- Windows Server 2003 Service Pack 1 or above
- Windows Server 2003 R2 (x86 and x64)
- Windows Vista (x86 & x64) with Service Pack 2
- Windows Server 2008 (x86 and x64) with Service Pack 2
- Windows Server 2008 R2 (x64)
- Windows® 7 (x86 and x64)

Supported Operating Systems (MonoDevelop IDE)

- Windows versions supported by Mono
- Mac OS X versions supported by Mono

Visual Studio integration

- Install standalone with the included Visual Studio 2010 Shell IDE, or integrated into Visual Studio 2008 or Visual Studio 2010

MonoDevelop IDE integration

- Install with the included MonoDevelop IDE on Windows or Mac OS X

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