

Delphi Prism

Next-Generation Delphi Development Solution for .NET and Mono



Delphi® Prism fully supports the latest .NET technologies, including WinForms, Windows Presentation Foundation (WPF), ASP.NET, LINQ, and Silverlight. Plus it integrates with Visual Studio and boasts the state-of-the-art Delphi Prism language with features such as generics, sequences, queries, and parallel computing which help you cut development time and costs.

- Decrease development time with a complete solution for .NET 3.5
- Push the envelope with a powerful, full-featured development language
- Work with all your data sources
- Gain flexibility by supporting .NET, Mac, and Linux

DECREASE DEVELOPMENT TIME WITH A COMPLETE SOLUTION FOR .NET 3.5

Delphi Prism enables you to develop against the .NET 3.5 Framework. It includes design-time and runtime support for WinForms, ASP.NET, Windows Presentation Foundation (WPF), Silverlight, and Parallel FX. And it generates and consumes fully CLS-compliant assemblies so developers gain complete access to all language and runtime features of .NET 3.5. Delphi Prism provides everything a .NET developer needs to quickly and easily create powerful applications.

PUSH THE ENVELOPE WITH A POWERFUL, FULL-FEATURED DEVELOPMENT LANGUAGE

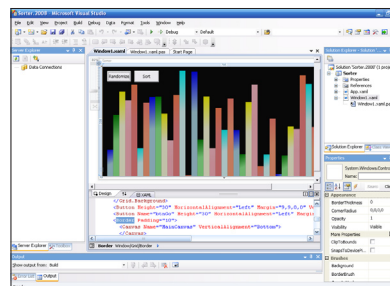
Delphi Prism provides a highly readable, advanced language for the Microsoft .NET Framework and other implementations of the Common Language Runtime (CLR). Developers can write managed applications using a modern language with roots in Pascal and Object Pascal. Delphi Prism gives developers the best of the old and the new. While staying true to its ancestry and maintaining a consistent syntax that feels familiar and comfortable to developers who know Pascal and Delphi, the Delphi Prism language helps you move into the future by providing innovative language features such as generics, sequences, queries, and parallel computing.

WORK WITH ALL YOUR DATA SOURCES

Delphi Prism provides developers with a database access framework called dbExpress that is database agnostic which provides you with extreme flexibility. Integrated into the ADO.NET framework, dbExpress enables developers to access multiple database back ends. ASP.NET developers can provide support for membership, roles, profiles, and the other features of the ASP.NET provider interface for multiple backend databases.

GAIN FLEXIBILITY BY SUPPORTING .NET, MAC, AND LINUX

Delphi Prism supports development for the Mono platform and other implementations of the .NET CLR. Developers can compile code against multiple CLR platforms, including Mono for Linux and for the Mac. The Delphi Prism compiler is a completely native .NET application and can move to other CLR implementations such as Mono. And Delphi Prism will run under these alternative CLR platforms and supports cross-linking against them. This multiple platform functionality enables you to save resources by conserving coding time.



Rapidly build applications using WPF, ASP.NET, Silverlight, and other .NET technologies.

Related Products

RAD Studio

Combines Delphi 2009, C++Builder 2009, and Delphi Prism 2009 to provide a complete solution for native Windows and .NET application development

C++Builder®

Combines the power of the C and C++ languages and libraries with the productivity of visual rapid application development

InterBase®

Highly scalable, powerful, embeddable database

Blackfish™ SQL

Fully managed, SQL-compliant, highly portable, embedded database

ER/Studio®

Data modeling tool for designing and understanding your databases

Features	Description
Delphi Prism Language	
Next-Generation Delphi Language for .NET and Mono	Supports writing managed applications using a modern language with roots in Pascal and Object Pascal
Parallel Programming Features	Includes futures, parallel loops, asynchronous code blocks, and locked/locking directives for parallel programming support
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
Bundled Language Features	Includes enhanced nullable types, class contracts, enhanced constructor calls, and class references
Code Flow Analysis and FxCop Code Analysis	Code Flow Analysis and FxCop Code Analysis
Target Multiple Platforms	
.NET 1.1, 2.0, 3.0 and 3.5	Targets multiple .NET versions
Mono 2.0, Including Linux and Mac OS X	Supports multi-platform deployment of applications
Integrated Design Environment (IDE) and Visual Studio Integration	
Installation Options	Provides the flexibility to install as a standalone application including Visual Studio 2008 or as an integration with other Visual Studio languages and tools
Windows Forms, WPF and ASP.NET Form Designers	Enables visual design of Windows and Web applications
Code Editor, IntelliSense, and Integrated Debugging	Speeds coding and reduces errors
Database Application Development, Access and Design	
ADO.NET Connectivity to Blackfish SQL and InterBase	Supports local connectivity in the Professional edition. Enables local and remote server connectivity in the Enterprise and Architect editions
DataSnap	Enables building .NET DataSnap client applications that access native servers using the DataSnap multi-tier database application framework
Blackfish SQL database	Is a fully managed, SQL-compliant, highly portable, embedded database
InterBase Developer Edition	Is a highly scalable, powerful, embeddable database with development license

System Requirements
Supported Architectures <ul style="list-style-type: none"> • x86 • x64 (WOW)
Hardware Requirements <ul style="list-style-type: none"> • Minimum: 1.6 GHz CPU, 384 MB RAM, 1024x768 display, 5400 RPM hard disk • Recommended: 2.2 GHz or higher CPU, 1024 MB or more RAM, 1280x1024 display, 7200 RPM or higher hard disk • On Windows Vista: 2.4 GHz CPU, 768 MB RAM • 1 GB of available space required on system drive • 2 GB of available space required on installation drive (includes space for .NET Framework and SDK) • Mouse or compatible pointing device
Supported Operating Systems <ul style="list-style-type: none"> • Windows XP Service Pack 2 or above • Windows Server 2003 Service Pack 1 or above • Windows Server 2003 R2 or above • Windows Vista • Windows Server 2008
Visual Studio Integration <ul style="list-style-type: none"> • Install standalone or integrated into Visual Studio 2008

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