



Feature Matrix

DELPHI PRISM LANGUAGE	ENTERPRISE	PROFESSIONAL
Enhanced in 2011! Delphi Object Pascal based .NET development language	X	X
Enhanced in 2011! RemObjects Oxygene Compiler 4.0	X	X
Enhanced in 2011! Support for Aspect Oriented Programming (AOP)	X	X
Introduced in 2010! Standard Aspects Library	X	X
Introduced in 2010! Dynamic Types in .NET 4.0	X	X
Introduced in 2010! Support for Lambda Expressions with body	X	X
Parallel programming support for Futures, Parallel Loops, Asynchronous Statements, an improved locked directive, and more	X	X
Enhanced in 2011! Continued improvement in Delphi for Win32 language support	X	X
Introduced in 2010! Delphi Compatibility: Ignore unsupported method directives (such as override) when in compatibility mode	X	X
Introduced in 2010! New compiler option for Delphi-compatible division (int/int = float)	X	X
LINQ query expressions to combine the querying capabilities of database languages such as SQL and apply it to any type of data, natively within the Delphi Prism language	X	X
New in 2011! Expression constructs: "if", "case", and "for" loop	X	X
New in 2011! Language integrated support for .NET 4.0 BigInteger constants	X	X
New in 2011! Readonly local variables	X	X
New in 2011! Extension Methods syntax implementation	X	X
New in 2011! Introductory language support for .NET 4.0 Tuple types	X	X
New in 2011! Support for classic "begin/end" assembly entry point	X	X
Introduced in 2010! New "Optimize" compiler/project option	X	X
Property notifications make it easy to develop solutions that follow the Model/View/Controller design pattern	X	X
Nullable expressions with support for nullable types in arithmetic and other expressions	X	X
QA Analysis Tools to provide feedback on quality of code, including Code Flow Analysis and FxCop Code Analysis options integrated with the compiler, and the option to enforce proper case when using identifiers	X	X
Additional language features include: class contracts, Anonymous types, Anonymous methods and delegates, Lambda expressions, Generics, Iterators, Extension Methods, inline variable declaration, and Asynchronous methods	X	X
TARGET MULTIPLE PLATFORMS		
Enhanced in 2011! Delphi Prism support for .NET 4.0	X	X
.NET 2.0, 3.0, 3.5 and 4.0	X	X
.NET Compact Framework 2 (No designer support)	X	X
Mono, including Linux and Mac OS X	X	X
Support for Mono Moonlight 2.0 (separate download)	X	X
Code-level support for Cocoa# and Gtk#	X	X
New in 2011! Works with Novell MonoTouch (sold separately) to create apps for Apple iPhone, iPod touch and iPad with .NET and Mono	X	X
VISUAL STUDIO IDE INTEGRATION		
New in 2011! Installs as a standalone application including Visual Studio 2010 Shell	X	X
New in 2011! Installs into an existing install of Visual Studio 2010	X	X
Installs into existing install of Visual Studio 2008	X	X
New in 2011! Threaded building in Visual Studio	X	X

PROJECT TYPES		
Windows Application (Windows Forms)	X	X
Windows Control Library	X	X
Windows Service	X	X
Class Library	X	X
Console Application	X	X
ASP.NET 4.0 Web Application	X	X
Silverlight 3 and 4 Applications	X	X
WCF Service Library	X	X
WPF Application for creating an application with a WPF user interface	X	X
WPF User Control Library for creating custom controls for use in WPF applications	X	X
Mono Console Application for building a Mono command line application	X	X
Cocoa Application (Tiger) for building an application for Mac OS X 10.4 or later, using Cocoa#	X	X
Mono Class Library	X	X
Cocoa Application (Leopard) for building an application for Mac OS X 10.5 or later, using Cocoa#	X	X
WinForms Application (Mac OS X)	X	X
Monobjc Application for building an application for Mac OS X 10.5 or later, using Monobjc	X	X
Gtk# Application	X	X
Silverlight Visual Studio 2010 integration (downloaded separately)	X	X
Silverlight Application	X	X
Silverlight Class Library	X	X
EDITOR/DESIGNER		
Enhanced in 2011! Source code editor with enhanced zoom, docking behavior, and box selection	X	X
Windows Forms Designer	X	X
Windows Presentation Foundation (WPF) Designer	X	X
ASP.NET Forms Designer	X	X
Code browsing tools (unified find, source definition, inheritance)	X	X
IntelliSense with IntelliSense filtering	X	X
SmartTags	X	X
Code Snippets Manager	X	X
Code Definition Window	X	X
Application Designer	X	X
IDE FEATURES		
New in 2011! Copy C# code and paste as Delphi Prism code	X	X
New in 2011! Import C# IDE menu option	X	X
Enhanced in 2011! IDE redesigned for improved readability	X	X
Enhanced in 2011! Support for multiple monitors to view design and code windows side-by-side	X	X
Import/Export Settings	X	X
Toolbox Control Installer	X	X
Task List & Error List	X	X
Output Window	X	X
Enhanced in 2011! Start Page with new look and new functionality	X	X
Properties Window	X	X
Toolbox	X	X
Solution Explorer	X	X
Bookmark Window	X	X
Class View	X	X
Object Browser	X	X
Command Window	X	X

Document Outline	X	X
Resource View	X	X
Windows Communication Foundation (WCF) Add Service Reference	X	X
Language Integrated Query (LINQ) Support	X	X
DEBUGGING		
Enhanced in 2011! Redesigned Threads window provides filtering, call-stack searching and expansion, and grouping	X	X
Expression Evaluator	X	X
Local debugging	X	X
Managed debugging	X	X
Cross-thread debugging	X	X
Visualizations	X	X
Enhanced in 2011! DataTips	X	X
Interop debugging	X	X
Just-in-time (JIT) Debugging	X	X
Multi-process debugging	X	X
XSLT debugger	X	X
Attach to local process	X	X
Trace Points	X	X
Enhanced in 2011! Breakpoint Constraints	X	X
MONODEVELOP IDE INTEGRATION		
New in 2011! Installs as a standalone application including the MonoDevelop IDE for development on Windows and Mac OS X	X	X
MONODEVELOP IDE FEATURES		
Multi-platform IDE supports Windows and Mac OSX	X	X
Advanced Text Editing with code completion support for Delphi Prism, code templates, code folding.	X	X
Configurable workbench with fully customizable window layouts, user defined key bindings, external tools	X	X
Integrated Debugger for debugging Mono and native applications	X	X
GTK# Visual Designer to easily build GTK# applications	X	X
Create ASP.NET web projects with full code completion support and test on XSP, the Mono web server	X	X
Additional tools including source control, makefile integration, unit testing, packaging and deployment, localization	X	X
DATABASE APPLICATION DEVELOPMENT		
Server Explorer	X	X
Data bind to object	X	X
Data bind to Web service	X	X
Full set of data controls	X	X
XML editor	X	X
Data bind to local database server	X	X
Data bind to remote database server	X	X
Data Sources window	X	X
Data Definition Language (DDL) tools for remote data	X	X
DDEX (Data Designer Extensibility) provider	X	X
Blackfish SQL ADO.NET Provider	X	X
InterBase 2007 and 2009 connectivity via ADO.NET	X	
dbExpress ADO.NET Bridge	X	X
Enhanced in 2011! Build DataSnap client applications that connect to native Windows DataSnap servers	X	
DataSnap® multi-tier deployment license	X	
dbExpress server connectivity to InterBase® 2007 and 2009	X	
dbExpress server connectivity to Blackfish™ SQL	X	

INCLUDED DATABASES		
InterBase 2009 SMP Developer Edition – up to 20 users and 80 logical local connections	X	X
Blackfish™ SQL with local connectivity, 1 user (4 connections), 512 MB database size, 512 MB RAM usage	X	
Blackfish SQL with remote connectivity, 5 users (20 connections), 2 GB database size, 1 GB RAM usage		X
WEB APPLICATION DEVELOPMENT		
HTML Editor	X	X
Web Browser	X	X
Web Forms Designer	X	X
Web Site Project	X	X
dbExpress ASP provider for ASP.NET	X	X
EXTENSIBILITY		
Add-in Manager for using Visual Studio plug-ins	X	X
Macros Explorer for managing IDE macros	X	X
INTEGRATED TOOLS AND COMPONENTS		
New in 2011! RemObjects Internet Pack is included and adds a set of both client and server socket components for HTTP, FTP, SMTP and POP3	X	X
New in 2011! Raize CodeSite is included for advanced logging and debugging power	X	X
New in 2011! Code obfuscation with RemObjects Oxfuscator	X	X
DOCUMENTATION		
Enhanced in 2011! Wiki-based online help	X	X
Enhanced in 2011! Help Viewer	X	X
Help on Help Collection	X	X
Link to MSDN online help for Visual Studio	X	X
Delphi Prism Language Reference	X	X
dbExpress, Blackfish SQL and DataSnap help	X	X

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Corporate Headquarters | Embarcadero Technologies | 100 California Street, 12th Floor | San Francisco, CA 94111 | www.embarcadero.com | sales@embarcadero.com