



## Feature Matrix

	Enterprise	Professional
<b>INTEGRATED COMPILERS</b>		
<b>Enhanced in XE!</b> Embarcadero Delphi Prism (Oxygene) Compiler (4.0)	X	X
<b>INTEGRATED FRAMEWORKS, DESIGNERS, SDKS AND INSTALLERS</b>		
<b>Enhanced in XE!</b> Embarcadero Delphi Prism .NET 4.0 support	X	X
<b>Enhanced in XE!</b> Embarcadero Delphi Prism hosted in Visual Studio 2008	X	X
<b>New in XE!</b> Embarcadero Delphi Prism hosted in Visual Studio 2010	X	X
<b>New in XE!</b> Embarcadero Delphi Prism hosted in MonoDevelop	X	X
<b>New in XE!</b> Embarcadero Delphi Prism support for MonoTouch to create Apple iPhone applications with the Mono .NET framework (requires Novell MonoTouch, sold separately)	X	X
<b>DELPHI PRISM LANGUAGE</b>		
<b>Enhanced in XE!</b> Delphi Object Pascal based .NET development language	X	X
<b>Enhanced in XE!</b> RemObjects Oxygene Compiler with support for both 32 and 64 bit .NET applications	X	X
<b>Enhanced in XE!</b> Support for Aspect Oriented Programming (AOP)	X	X
<b>Enhanced in XE!</b> Continuing improvement of Delphi/Win32 language support	X	X
<b>Introduced in 2010!</b> Standard Aspects Library	X	X
<b>Introduced in 2010!</b> Dynamic Types in .NET 4.0	X	X
<b>Introduced in 2010!</b> Support for Lambda Expressions with bod	X	X
<b>Introduced in 2010!</b> Delphi Compatibility: Ignore unsupported method directives (such as override) when in compatibility mode	X	X
<b>Introduced in 2010!</b> New compiler option for Delphi-compatible division (int/int = float)	X	X
Parallel programming support for Futures, Parallel Loops, Asynchronous Statements, an improved locked directive, and more	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
<b>New in XE!</b> Expression constructs: "if", "case" and "for"	X	X
<b>New in XE!</b> BigInteger support	X	X
<b>New in XE!</b> Readonly local variables	X	X
<b>New in XE!</b> Extension Methods syntax implementation	X	X
<b>New in XE!</b> Introductory support for Tuples	X	X
<b>New in XE!</b> Support for classic "begin/end" assembly entry point	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
<b>Enhanced in XE!</b> Support for Parallel programming with .NET 4.0	X	X
<b>TARGET MULTIPLE PLATFORMS</b>		
.NET 1.1, 2.0, 3.0, 3.5, and 4.0	X	X
.NET Compact Framework 1.0 and 2 (No designer support)	X	X
Mono, including Linux and Mac OS X	X	X
Code-level support for Cocoa#, and Gtk#,	X	X
<b>New in XE!</b> Works with Novell MonoTouch (sold separately) to create apps for Apple iPhone, iPod touch and iPad with .NET and Mono	X	X
<b>VISUAL STUDIO INTEGRATION</b>		
Installs into existing install of Visual Studio 2008	X	X
<b>New for XE!</b> Installs as a standalone application including Visual Studio 2010 Shell	X	X
<b>New for XE!</b> Installs into existing install of Visual Studio 2010	X	X
<b>New for XE!</b> building in Visual Studio	X	X

**MONODEVELOP INTEGRAION**

Installs as a standalone application including MonoDevelop 2.4	X	X
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**PROJECT TYPES**

Windows Application (WinForms)	X	X
Windows Control Library	X	X
Windows Service	X	X
Class Library	X	X
Console Application	X	X
ASP.NET Web Application	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
Silverlight Application (requires Visual Studio)	X	X
Silverlight Class Library (requires Visual Studio)	X	X
WinForms Application (Mac OS X)	X	X
Gtk# Application	X	X

**EDITOR/DESIGNER**

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**

Import/Export Settings	X	X
<b>New in XE!</b> Copy C#, paste Delphi Prism code	X	X
<b>New in XE!</b> Import C# IDE menu option	X	X
Toolbox Control Installer	X	X
Task List & Error List	X	X
Output Window	X	X
Start Page	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**

Expression Evaluator	X	X
Local debugging	X	X
Managed debugging	X	X
Cross-thread debugging	X	X
Visualizations	X	X
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
Breakpoint Constraints	X	X

LOGGING		
<b>New in XE!</b> Raize Software CodeSite Express Integration provides advanced application logging and debugging capabilities	X	X
<b>New in XE!</b> Log all kinds of information without data conversions including strings, numbers, dates & times and even objects, string lists, exceptions, and much more	X	X
<b>New in XE!</b> Log information from application code (including recursive functions and multiple threads) without interrupting program execution or causing side effects	X	X
<b>New in XE!</b> Emphasize important logging information through a variety of message types	X	X
<b>New in XE!</b> Send logging messages to a CodeSite Log File for later review or to the CodeSite Live Viewer for real-time analysis, or to both simultaneously	X	X
<b>New in XE!</b> Utilize the extensive analysis tools in the CodeSite Viewers to analyze message logs and locate problem areas faster	X	X
<b>New in XE!</b> Filter message logs by application name, process id, thread name, computer name, category, and message text	X	X
<b>New in XE!</b> Quickly organize the message log into multiple views by using the advanced CodeSite Message Organizer	X	X
<b>New in XE!</b> Control the amount of logging information generated by using additional CodeSite loggers with their own Category instead of relying on arbitrary logging levels	X	X
<b>New in XE!</b> Record method calls to add call stack structure to the message log	X	X
Raize CodeSite complete package is available from Raize Software at <a href="http://www.raize.com">http://www.raize.com</a>		
MONODEVELOP IDE INTEGRATION		
<b>Updated in XE!</b> Installs as a standalone application including the MonoDevelop 2.4 IDE for development on Windows and Mac OS	X	X
MONODEVELOP IDE FEATURES		
<b>Updated in XE!</b> Multi-platform IDE supports Windows and Mac OS X	X	X
<b>Enhanced in XE!</b> Improved look and organization	X	X
<b>Enhanced in XE!</b> Improved error workflow with in-line error bubbles	X	X
<b>Enhanced in XE!</b> New project/file dialog displays recently opened files	X	X
<b>New in XE!</b> Navigate To dialog to quickly find and jump to files, types and type members	X	X
<b>New in XE!</b> Solution and class pad zooming	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
SOURCE CODE MANAGEMENT		
<b>New in XE!</b> Integration with AnkhSVN 2.x for seamless Subversion source code management features in the IDE	X	X
INTEGRATED TOOLS AND COMPONENTS		
<b>New in XE!</b> Raize CodeSite is included for advanced logging and debugging power	X	X
<b>Enhanced in XE!</b> RemObjects Internet Pack is included and adds a set of both client and server socket components for HTTP, FTP, SMTP and POP3	X	X
<b>New in XE!</b> Code obfuscation with RemObjects Oxfuscator	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
InterBase 2007 and 2009 connectivity via ADO.NET	X	X
dbExpress ADO.NET Bridge	X	X
<b>Enhanced in 2010!</b> Build DataSnap client applications that connect to native Windows DataSnap servers	X	X
DataSnap™ multi-tier deployment license	X	X
dbExpress server connectivity to InterBase® 2007 and 2009	X	X
INCLUDED DATABASES		
<b>Introduced in 2009!</b> InterBase 2009 Developer Edition – up to 20 users and 80 logical local connections	X	X

**WEB APPLICATION DEVELOPMENT**

<b>New in 2010!</b> Support for ASP.NET MVC	X	X
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 plugins	X	X
Macros Explorer for managing IDE macros	X	X

**DOCUMENTATION**

<b>Enhanced in XE!</b> Wiki-based online help	X	X
Document Explorer	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 and DataSnap help	X	X

**TOOL MANAGEABILITY**

<b>Enhanced in XE!</b> ToolCloud licenses available with ToolBox management interface (available in network ToolCloud licenses; not included in standalone named user licenses)	X	X
Access to licenses and downloads for earlier versions (Delphi Prism 2009, 2010 and 2011)	X	X
<b>Enhanced in XE!</b> Upgradeable to Embarcadero All-Access XE	X	X

Download Free Trials at [www.embarcadero.com](http://www.embarcadero.com)

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