FEATURES

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Delphi Prism™ 2010

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Feature Matrix

DELPHI PRISM LANGUAGE	ENTERPRISE	PROFESSIONAL
Delphi Object Pascal based .NET development language	x	x
New in 2010! Support for Aspect Oriented Programming (AOP)	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
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	**ENTERPRISE**	**PROFESSIONAL**
.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
VISUAL STUDIO INTEGRATION	**ENTERPRISE**	**PROFESSIONAL**
Installs as a standalone application including Visual Studio 2008 Shell	x	x
Installs into existing install of Visual Studio 2008	x	x
PROJECT TYPES	**ENTERPRISE**	**PROFESSIONAL**
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 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
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 Application (requires Visual Studio)	x	x
Silverlight Class Library (requires Visual Studio)	x	x

EDITOR/DESIGNER	ENTERPRISE	PROFESSIONAL
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	ENTERPRISE	PROFESSIONAL
Import/Export Settings	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	ENTERPRISE	PROFESSIONAL
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

DATABASE APPLICATION DEVELOPMENT	ENTERPRISE	PROFESSIONAL
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

	ENTERPRISE	PROFESSIONAL
Blackfish SQL ADO.NET Provider	x	x
InterBase 2007 and 2009 connectivity via ADO.NET	x	x
dbExpress ADO.NET Bridge	x	
Enhanced in 2010! 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	ENTERPRISE	PROFESSIONAL
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	

DATABASE MODELING AND DESIGN	ENTERPRISE	PROFESSIONAL
Updated in 2010! ER/Studio 8.0 Developer Edition trial	x	x

WEB APPLICATION DEVELOPMENT	ENTERPRISE	PROFESSIONAL
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	ENTERPRISE	PROFESSIONAL
Add-in Manager for using Visual Studio plug-ins	x	x
Macros Explorer for managing IDE macros	x	x

DOCUMENTATION	ENTERPRISE	PROFESSIONAL
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, 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