Feature Matrix

Personality:
D = Delphi®
C = C++Builder®
P = Embarcadero Prism™
R = RadPHP™

Feature	Personality	Architect	Ultimate	Enterprise	Professional	Starter
INTEGRATED COMPILERS						
Enhanced in XE2! High-performance 32-bit optimizing Delphi® native code compiler 23.0 (dcc32), including High performance x86 Assembler – 32-bit inline assembler supporting the Intel® x86 instruction set (including Intel Pentium® Pro, Pentium III, Pentium 4, Intel MMX™, SIMD, Streaming SIMD Extensions, SSE, SSE2, SSE3, SSE 4.1, SSE 4.2, AMD SSE4A and AMD® 3DNow!®	D	X	X	X	X	X
New in XE2! Delphi 64-bit compiler	D	X	X	X	X	
New in XE2! Delphi OS X compiler	D	X	X	X	X	
New in XE2! C++ OS X compiler	C	X	X	X	X	
Delphi command line compiler (dcc32.exe)	D	X	X	X	X	
Enhanced in XE2! Create 32-bit optimized Delphi and C++ native executables that can run on both 32 and 64-bit Windows operating systems	C D	X	X	X	X	X
Enhanced in XE2! Embarcadero C++ Compiler 6.40 (bcc32)	C	X	X	X	X	X
Enhanced in XE2! Embarcadero Prism (Oxygene for .NET) Compiler 5.0	P	X	X	X	X	
Enhanced in XE! ANSI/ISO C++ Standard language conformance and Boost support	C	X	X	X	X	X
Introduced in 2010! #pragma once support that allows for better compatibility with MSVC and also acts as a header guard	C	X	X	X	X	X
Introduced in 2010! [[deprecated]] attribute to flag constructs as deprecated	C	X	X	X	X	X
Introduced in 2010! Secure C library functions	C	X	X	X	X	X
Introduced in 2010! Enhanced compiler switches for XML representation of source code	C	X	X	X	X	X
Introduced in 2010! Custom evaluators for C++ Strings types	C	X	X	X	X	X
Language features from the next ANSI/ISO C++ standard	C	X	X	X	X	X
Linker error handling to improve memory management flexibility and resolution	C	X	X	X	X	X
APPLICATION PLATFORMS, INTEGRATED FRAMEWORKS, DESIGNERS, SDKS AND INSTALLERS						
New in XE2! FireMonkey Platform for creating 32-bit Windows applications for Windows 7, Windows Vista and XP; Server 2003 and 2008.	C D	X	X	X	X	X
New in XE2! FireMonkey Platform for creating 64-bit Windows applications for Windows 7, Windows Vista and XP; Server 2003 and 2008.	D	X	X	X	X	
New in XE2! FireMonkey Platform for creating OS X 10.6 and 10.7 applications	C D	X	X	X	X	
New in XE2! FireMonkey Platform for creating applications for iOS 4.2 and higher	D	X	X	X	X	
New in XE2! VCL (Visual Component Library) for rapidly building 64-bit applications for Windows 7,Windows Vista and XP; Server 2003 and 2008.	D	X	X	X	X	
Enhanced in XE2! VCL (Visual Component Library) for rapidly building 32-bit applications for Windows 7, Windows Vista and XP	C D	X	X	X	X	X
Enhanced in XE! Microsoft Windows SDK support for Windows Vista APIs and Windows 7	C D	X	X	X	X	X
Introduced in 2010! Support for Windows 7 Direct2D API	C D	X	X	X	X	X
Enhanced in XE2! Embarcadero Prism .NET 4.0 support	P	X	X	X	X	
VCL forms designer with live Snap-to hints and layout guidelines	C D	X	X	X	X	X
Enhanced in XE2! Unified Modeling Language® (UML®) designer	C D	X	X	X	X	
Enhanced in XE2! InstallAware installer technology allows for on the fly updating. IDE can automatically check for updates	C D	X	X	X	X	

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.NET headers for C++ to .NET API access	C	X	X	X	X	X
Enhanced in XE2! Embarcadero Prism hosted in Visual Studio 2010	P	X	X	X	X	
INTEGRATED BUILD TOOLS AND PROJECT SUPPORT						
Enhanced in XE2! IDE support for building and managing projects for 32-bit Windows	C D	X	X	X	X	X
New in XE2! IDE support for building and managing projects for 64-bit Windows	D	X	X	X	X	
New in XE2! IDE support for building and managing projects for OS X	C D	X	X	X	X	
New in XE2! FireMonkey application wizards	C D	X	X	X	X	X
New in XE2! Platform Assistant for deploying and debugging across platforms	C D	X	X	X	X	
Enhanced in XE! Project Manager view menu for directory (nested), directory (flat) and list view of files in a project and with an enhanced status bar for more file information.	C D	X	X	X	X	X
Introduced in 2010! File manipulation and creation through the Project Manager facilities	C D	X	X	X	X	X
Optimize build times with pre-compiled header wizard	C	X	X	X	X	X
Compiler option to treat warnings as errors	D	X	X	X	X	X
Batch compilation – compile all files in project at once for increased performance	C	X	X	X	X	
Flexible build system leveraging MSBuild with identical build process from the IDE or command line	C D	X	X	X	X	X
Virtual folders to logically organize files in your project stored in different locations	C	X	X	X	X	X
Enhanced in XE2! C++Builder 3 through XE project import	C	X	X	X	X	X
Enhanced in XE2! Delphi 1 through XE project import	D	X	X	X	X	X
Enhanced in XE2! Build Configurations provide flexibility to organize multiple build settings for all compiler, linker options, and platform support	C D	X	X	X	X	X
Named option sets to save and apply build configurations to any project	C D	X	X	X	X	X
Share option-sets between build configurations and between projects	C D	X	X	X	X	X
Multi-select files in the Project Manager	C D	X	X	X	X	X
File Browser – Windows shell integrated into the IDE	C D	X	X	X	X	X
Build Events for pre-build, pre-link (C++ only), and post-build on project and file levels	C D	X	X	X	X	X
Project dependency checking	C D	X	X	X	X	X
Enhanced in XE! IDE Studio personality indicator – shows which is active when multiple languages are available	C D	X	X	X	X	X
Project level build ordering	C D	X	X	X	X	X
File level build ordering	C	X	X	X	X	X
Build/Make from here – Make or build current project and all later projects	C D	X	X	X	X	X
Impdef utility provides information about DLLs	C	X	X	X	X	X
Implib utility to create import libraries from DLLs	C	X	X	X	X	X
Additional command line tools include Microsoft Resource Compiler, TDump utility to structurally analyze EXE, OJB, and LIB files, GREP tool, and MAKE tool	C D	X	X	X	X	X
Enhanced in XE! Tlib utility for symbol case conversion to create extended libraries and modify page sizes	C	X	X	X	X	X
LANGUAGE AND RUNTIME LIBRARY FEATURES						
New in XE2! Delphi RTL for 64-bit Windows	D	X	X	X	X	
New in XE2! Delphi RTL for OS X	D	X	X	X	X	
New in XE2! C++ RTL for OS X	C	X	X	X	X	
New in XE2! Extensible, cross platform, framework agnostic login credentials service	C D	X	X	X	X	X
New in XE2! Native zip file support	C D	X	X	X	X	X
New in XE2! RTTI for indexed properties and RTL support	D	X	X	X	X	X
New in XE2! C++ RTTI compatibility with Delphi	C	X	X	X	X	X
New in XE2! Boost for OS X	C	X	X	X	X	

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New in XE2! Dinkumware RTL for OS X	C	X	X	X	X	
Enhanced in XE! New Regular Expressions (Regex) library	C D	X	X	X	X	X
Introduced in 2010! Object-oriented file and directory I/O classes	C D	X	X	X	X	X
Enhanced in 2010! Dinkumware STL v5.01 with iterator debugging	C	X	X	X	X	X
ANSI/ISO standard library Technical Report 1	C	X	X	X	X	X
Enhanced in XE2! RTTI support in C++	C	X	X	X	X	X
Introduced in 2010! RTTI support for exposure of Methods, Fields, and Properties to support dynamic invocations and other meta-programming approaches (reflection)	D	X	X	X	X	X
Introduced in 2010! Custom attribute support for most code elements – types, fields, properties, methods, and parameters	D	X	X	X	X	X
Introduced in 2010! TStringBuilder for easier and faster string concatenation	D	X	X	X	X	X
Enhanced in 2010! Generics with full RTL list and collection support	D	X	X	X	X	X
Introduced in 2010! Support for localized resources	C D	X	X	X	X	X
Introduced in 2010! Improved standard C++ heap manager	C	X	X	X	X	X
Enhanced in XE! Optimized string/memory handling functions	C	X	X	X	X	X
UnicodeString type as the default string type	D	X	X	X	X	X
UnicodeString class	C	X	X	X	X	X
Anonymous methods	D	X	X	X	X	X
Unicode character types char16_t and char32_t	C	X	X	X	X	X
Move semantics with rvalue references	C	X	X	X	X	X
Explicit conversion operators	C	X	X	X	X	X
Static assertions	C	X	X	X	X	X
Full type trait support	C	X	X	X	X	X
Extern templates	C	X	X	X	X	X
[[final]] and [[noreturn]] attributes	C	X	X	X	X	X
Decltype keyword	C	X	X	X	X	X
Scoped enumerations	C	X	X	X	X	X
Expression evaluation in compiler directives	C D	X	X	X	X	X
Create reusable native 32-bit dynamically linked libraries (.DLL), COM controls (.OCX), and standalone executables	C D	X	X	X	X	X
Create reusable native 64-bit dynamically linked libraries (.DLL), COM controls (.OCX), and standalone executables	D	X	X	X	X	
Custom variants with support of your own data types, complex numbers, safe arrays, and passing variants through data sets	C D	X	X	X	X	X
Variant support for Int64, unsigned types and Unicode strings	C D	X	X	X	X	X
PERSONAL DEVELOPER PRODUCTIVITY						
New in XE2! Template Libraries	C D	X	X	X	X	X
New in XE2! Deployment Manager: Deploy to OS X, 32-bit Windows and 64-bit Windows	D	X	X	X	X	
New in XE2! Deployment Manager: Deploy to OS X and 32-bit Windows	C	X	X	X	X	
New in XE2! Deployment Manager: Deploy to Amazon EC2 and Windows Azure	C D	X	X	X	X	
Enhanced in XE2! A set of new examples and demos to help new and existing developers get the most out of the environment	C D	X	X	X	X	X
Introduced in XE! Object Gallery Descriptions pane that gives better understanding to the wizard or feature	C D	X	X	X	X	X
Introduced in XE! Designer snapshots – copy form images to the clipboard	C D	X	X	X	X	X
Enhanced in XE! IDE Insight, the fastest way to find and execute commands in the IDE with 1-button click now with object inspector property support	C D	X	X	X	X	X
Enhanced in XE! Code Formatter and beautification for source code including block formatting	C D	X	X	X	X	
Introduced in XE! Command-line Code Formatter for integration with automated build processes	C D	X	X	X	X	

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Introduced in XE! Code Formatter profiles allow users to create / save / load custom formatter options sets	C D	X	X	X	X	
Introduced in 2010! New C++ Class Explorer gives configurable hierarchical view of class libraries throughout project. Also enables fast navigation to declarations and implementations, as well as easy addition of fields and methods.	C	X	X	X	X	
Enhanced in XE! Search for Usages command now available from the code editor and Delphi Class Explorer context menus	D	X	X	X	X	
Introduced in 2010! Compilation can be done in a background thread	C D	X	X	X	X	X
Enhanced in 2010! Checkbox for Boolean types in the Object Inspector greatly enhancing readability	C D	X	X	X	X	X
Enhanced in 2010! Property Editors for Date properties now use Calendar controls	C D	X	X	X	X	X
Enhanced in 2010! Added capabilities and configuration to the File	Reopen project dialog	C D	X	X	X	X	X
Enhanced in 2010! Use Unit interaction capabilities increased	D	X	X	X	X	X
Enhanced in XE! New Delphi Class Explorer gives configurable hierarchical view of class libraries throughout project. Also enables fast navigation to declarations and implementations, as well as easy addition of fields and methods.	D	X	X	X	X	
Resource Manager greatly simplifies the addition of resources to projects	C D	X	X	X	X	
Alpha channels in icons	C D	X	X	X	X	X
Enhanced in XE! Significant all-around IDE performance improvements	C D	X	X	X	X	X
Introduced in XE! Option to turn-on and off brace highlighting	C D	X	X	X	X	X
Enhanced in XE! Live Code Templates – dynamic scriptable templates streamlines coding complex and common structures and operations. Create or customize code templates and control the behavior, code generation, and user experience of your templates. Surround Templates that can wrap around selected code or text.	C D	X	X	X	X	
Enhanced in XE! Editor "Change Bar" indicates modified lines and saved modified lines	C D	X	X	X	X	X
"Smart" Block completion – anticipates and gracefully adds block closures as you type	C D	X	X	X	X	X
Virtual form positioner for VCL designers in "docked" mode	C D	X	X	X	X	X
Enhanced in XE! Main toolbar with the addition of Run without Debug option	C D	X	X	X	X	X
Enhanced in XE! Project Manager now has the ability to run selected applications with either Run or Run without Debug from the context menu.	C D	X	X	X	X	X
Enhanced in XE! Hot-key Tool Palette w/ Incremental search – find any component quickly	C D	X	X	X	X	X
Enhanced in 2010! Gallery in Tool Palette – find gallery wizards when you need them	C D	X	X	X	X	X
SyncEdit – block-edit multiple instances of a symbol simultaneously	C D	X	X	X	X	X
History Manager with automatic multi-level file backups, file differencing and restore	C D	X	X	X	X	X
IDE Welcome Page – with fast access to recent projects, Embarcadero Developer Network RSS news feeds, documentation, helpful links, updates, Weblogs, and more	C D	X	X	X	X	X
Integrated QualityCentral – submit bug reports and feature requests to Embarcadero	C D	X	X	X	X	X
Structure Pane that displays hierarchical view of source code and provides a VCL Object Treeview for quick navigation and manipulation of objects in the VCL designer	C D	X	X	X	X	X
Syntax Highlighting Open Tools API extension with built in support for JavaScript, PHP, and INI files	C D	X	X	X	X	X
Ability to individually customize editor options for particular file types	C D	X	X	X	X	X
Full-featured Open Tools API allows for customization of the IDE through wizards and experts.	C D	X	X	X	X	X
Symbol Insight – click to navigate to declarations and implementations	C D	X	X	X	X	

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Code Insight – Faster performance and improved code and parameter completion provide on-the-fly member lists and parameter hints as you type	C D	X	X	X	X	X
Code Insight – Code completion for DTD described markup language including HTML, WML, XHTML, and XSL	C D	X	X	X	X	
Enhanced in 2010! Code Folding configuration and properties	C D	X	X	X	X	
Editor Gutter – easier to read with less clutter	C D	X	X	X	X	X
Code Completion for C/C++, and Delphi	C D	X	X	X	X	X
Code Completion for HTML, XHTML, XSL, and CSS	C D	X	X	X	X	
Class completion	D	X	X	X	X	
Custom IDE desktop layout profiles with enhanced support for docked windows	C D	X	X	X	X	X
To-do lists keep your development on track	C D	X	X	X	X	
Enhanced in XE! Crash recovery reporting, enables Embarcadero to understand complex IDE crashes to better serve our customers	C D	X	X	X	X	X
Help Insight – convenient tooltips provide help snippets as you develop	D	X	X	X	X	X
Introduced in 2010! Open Tools API generic version control support for building third party version control plug-ins to the IDE	C D	X	X	X	X	X
Introduced in 2010! Open Tools API access to code editor tabs exposed	C D	X	X	X	X	X
Introduced in 2010! Open Tools API ability to create dockable views exposed	C D	X	X	X	X	X
Introduced in XE! Open Tools API ability to create and control Internal tabbing capability	C D	X	X	X	X	X
SOURCE CODE MANAGEMENT						
Introduced in XE! Version Insight – Integrated framework for supporting source code management tooling inside the IDE	C D	X	X	X	X	
Introduced in XE! Subversion integration into the IDE	C D P	X	X	X	X	X
Introduced in XE! Subversion/History integration	C D P	X	X	X	X	X
Introduced in XE! A full default Diff viewer	C D P	X	X	X	X	
Introduced in XE! Install Subversion client from the installer	C D	X	X	X	X	
Introduced in XE! SCM Integration (Subversion) also available as an open source project	C D	X	X	X	X	
INTERNATIONAL DEVELOPMENT						
Unicode-enabled development environment	C D	X	X	X	X	X
Enhanced in XE2! Unicode-enabled VCL and FireMonkey	C D	X	X	X	X	X
UnicodeString type	C D	X	X	X	X	X
Resource DLL Wizard to create Win32 resource DLLs for localization	C D	X	X	X	X	
Introduced in 2010! English, German, French, and Japanese translations available for IDE menus and dialogs, compiled units, resources, and source code	C D	X	X	X	X	X
Introduced in 2010! Easy switching between languages for the IDE menus, dialogs, and more…	C D	X	X	X	X	X
Integrated Translation Environment (ITE) to view and edit VCL forms and resource strings	C D	X	X	X	X	
External Translation Manager (ETM) to view and edit language resource files outside the IDE	C D	X	X	X	X	
Translation Repository provides a database for translations that can be shared across projects	C D	X	X	X	X	
REFACTORINGS						
Enhanced in XE! Enhanced refactoring for generics support including rename, change parameter, and extract method	D	X	X	X	X	
Rename refactoring	C D	X	X	X	X	
Refactor driven "Find References"	C D	X	X	X	X	

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Includes the following refactorings: Introduce Variable, Introduce Field, Inline Variable, Change Parameters, Safe Delete, Push Members Up / Down, Pull Members Up, Extract Superclass, Extract Interface, Move Members, Declare variable, Declare field, Extract method, Find unit/import namespace, Extract to resource string	D	X	X	X	X	
Refactor driven "Find in Files"	D	X	X	X	X	
UML MODELING						
Enhanced in XE2! UML Code Visualization – at any time, get a UML model view of your source code	C D	X	X	X	X	
Enhanced in XE! Delphi code generation	D	X	X	X	X	
Introduced in XE! Object Ancestry; show an object full hierarchy	D	X	X	X	X	
Introduced in XE! Automatic Sequence diagrams generation support	D	X	X	X		
Introduced in XE! Ability to load an image into the diagram for annotations and advanced documentation	C D	X	X	X	X	
Enhanced in 2010! Diagrams have an updated look and feel	C D	X	X	X	X	
Sequence diagrams	C D	X	X	X		
Collaboration diagrams	C D	X	X	X		
State charts	C D	X	X	X		
Deployment diagrams	C D	X	X	X		
Use case diagrams	C D	X	X	X		
Activity diagrams	C D	X	X	X		
Component diagrams	C D	X	X	X		
Enhanced in XE! Documentation generation	C D	X	X	X		
Introduced in XE! Run Documentation generation from the command-line	D	X	X	X		
80+ Static Code Metrics that allow for deep understanding and analysis of the health of the object domain	D	X	X	X		
Enhanced in XE2! Kiviat graph enhancements for interactive reporting	D	X	X	X		
Introduced for Delphi Professional in 2010! 10+ introductory level static code Metrics for understanding the health of the object diagram	D				X	
Introduced in XE! Run static Metrics from the command-line	D	X	X	X		
200+ Static Code Audits for deep code analysis to better understand the coding style and approach	D	X	X	X		
New in XE2! Pointer Analysis for Audits	D	X	X	X		
Introduced for Delphi Professional in 2010! 10 introductory level static code audits for better code understanding	D				X	
Introduced in XE! Run static Audits from the command-line	D	X	X	X		
New in XE2! C++ audits	C	X	X	X	X	
New in XE2! Advanced C++ audits that include data analysis	C	X	X	X		
Import model from Rational® Rose (mdl import)	C D	X				
Language neutral UML 1.5 modeling	C D	X				
Language neutral UML 2.0 modeling	C D	X				
Enhanced in 2010! Transformation from language neutral UML 1.5 and UML 2.0 projects to source code projects	C D	X				
Design Patterns support, including GOF patterns	C D	X	X	X		
Diagram printing	C D	X	X	X	X	
XMI 1.1 Import/Export	C D	X	X	X		
Full two-way class diagrams with synchronization between code and diagrams	C D	X	X	X	X	
OCL 2.0 support	C D	X	X	X	X	
"UML in Color" profile	C D	X	X	X	X	
Diagram hyper-linking and annotations	C D	X	X	X	X	

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INTEGRATED DEBUGGING						
Full-featured debugger with color syntax highlighting	C D	X	X	X	X	X
New in XE2! Debug 64-bit Windows applications	D	X	X	X	X	
New in XE2! Debug OS X applications	C D	X	X	X	X	
Introduced in 2010! Debugging visualizers to enable extended views of debugging data	C D	X	X	X	X	X
Introduced in 2010! Build debugger visualizers for your own custom data types	C D	X	X	X	X	X
Introduced in 2010! Debugger visualizer for C++ String types, including AnsiString/UnicodeString	C	X	X	X	X	X
Introduced in 2010! Debug visualizer for TString types	D	X	X	X	X	X
Introduced in 2010! Debug visualizers for TDateTime, TDate, and TTime	C D	X	X	X	X	X
Introduced in XE! Detach from "Debug session in progress. Terminate?" dialog	C D	X	X	X	X	X
Introduced in 2010! Multi-threaded-debugging the ability to selectively "Freeze" and "Thaw" threads	C D	X	X	X	X	
Introduced in 2010! Multi-threaded-debugging the ability to set a breakpoint for a selected thread	C D	X	X	X	X	
Support for Wait Chain Traversal in Windows 7, Vista and Windows 2008	C D	X	X	X	X	
Disassembly pane has "Show Opcodes" and "Show Addresses" local menu items	C D	X	X	X	X	X
Enhanced in 2010! New Debugger Options: "Scroll new events into view" and "Ignore non-user breakpoints"	C D	X	X	X	X	X
Call Stack View shows a glyph indicating if the frame has debug info	C D	X	X	X	X	
Enhanced in 2010! CPU view panes can be opened individually outside of an editor tab	C D	X	X	X	X	
Enhanced in 2010! Integration between debugger views and panes making it easier to find and understand information	C D	X	X	X	X	
Call Stack view now automatically syncs the Locals view when you double click an item	C D	X	X	X	X	
Evaluator tooltip hints go transparent when the CTRL key is pressed, allowing you to see through them to the editor	C D	X	X	X	X	
Expandable tooltip expression evaluation	C D	X	X	X	X	
Enhanced in 2010! Expandable watches	C D	X	X	X	X	X
Expandable local variables view	C D	X	X	X	X	
Selective symbol table loading	C D	X	X	X	X	
Close implicitly opened files after debugging	C D	X	X	X	X	X
Multi-select and copy to clipboard support in CPU view	C D	X	X	X	X	X
Ctrl-Click in editor gutter to enable/disable breakpoints	C D	X	X	X	X	X
Sort by load order in Modules view	C D	X	X	X	X	
Set Next Statement local menu item in editor	C D	X	X	X	X	
Exception notification dialog: Break/Continue buttons, "Ignore exception type" checkbox	C D	X	X	X	X	X
Break into debugger when an assert fires	C	X	X	X	X	
Modules View sorting	C D	X	X	X	X	
Remote debugging	C D	X	X	X	X	
Enhanced in XE! CodeGuard debugger support	C	X	X	X	X	
Thread view displays status on all processes and threads under debugger control	C D	X	X	X	X	
CPU view for low-level debugging	C D	X	X	X	X	X
Evaluator	C D	X	X	X	X	X
Multi-Process debugging for easy tracing through complex applications	C D	X	X	X	X	
Enhanced in XE! Breakpoint view with toolbar, in-place editing, and enable/disable checkbox	C D	X	X	X	X	X

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Enhanced in XE! Watch view supporting in place editing, checkbox enable/disabling, and the watch names separated from the values with columns	C D	X	X	X	X	X
Multi-tab watch view for logically grouping variables	C D	X	X	X	X	X
Breakpoint view with toolbar, in-place editing, and enable/disable checkbox	C D	X	X	X	X	X
Attach to and debug any process	C D	X	X	X	X	X
Detach from any process	C D	X	X	X	X	X
Run until return	C D	X	X	X	X	X
Advanced breakpoints with Tooltips, actions, and groups for complete debugging control	C D	X	X	X	X	
Breakpoint Data Aware Triggers	C D	X	X	X	X	
Debug spawned processes	C D	X	X	X	X	
Debug Inspector for easily monitoring properties while debugging	C D	X	X	X	X	
Enhanced in 2010! Event log view	C D	X	X	X	X	
INTEGRATED UNIT TESTING						
Enhanced in XE! Integrated unit testing with the DUnit testing framework	C D	X	X	X	X	
Unit test wizards for quick and easy unit test and unit test project creation	C D	X	X	X	X	
Execute unit tests from project manager	C D	X	X	X	X	
DOCUMENTATION						
Enhanced in XE2! Continually updated help system with diagrams showing class hierarchy, and new declared members pages	C D	X	X	X	X	X
New in XE2! Help installer re-integrated in the main installer	C D	X	X	X	X	X
DATABASE APPLICATION DEVELOPMENT AND CONNECTIVITY						
DBEXPRESS						
Enhanced in XE2! dbExpress™ 4 database connectivity framework with connection pooling, tracing, and delegate drivers	C D	X	X	X	X	X
New in XE2! Included dbExpress drivers available for 64-bit Windows	D	X	X	X	X	
New in XE2! Included dbExpress drivers available for OS X – InterBase, Firebird, Oracle, MySQL, SQL Anywhere and Informix	C D	X	X	X	X	
Enhanced in 2010! Build delegate drivers to place your code between the application and the actual driver. Provide pre- and post-processing of all public methods and properties of the dbExpress 4 framework. Sample delegate drivers included	C D	X	X	X	X	
Enhanced in XE2! dbExpress server connectivity to Embarcadero InterBase® XE, 2009, and 2007	C D	X	X	X		
Enhanced in XE2! dbExpress Server connectivity to Firebird 2.5, 2.1 and1.5	C D	X	X	X		
Enhanced in 2010! dbExpress server connectivity to Oracle® 11g and 10g	C D	X	X	X		
Enhanced in 2010! dbExpress server connectivity to Microsoft SQL Server® 2008, 2005, and 2000	C D	X	X	X		
dbExpress server connectivity to Informix® 9x (not Unicode-enabled)	C D	X	X	X		
dbExpress server connectivity to IBM DB2® 9.x (not Unicode-enabled)	C D	X	X	X		
Enhanced in XE2! dbExpress server connectivity to SQL Anywhere™ 12 and 11 (Unicode-enabled); and SQL Anywhere 9 (not Unicode-enabled)	C D	X	X	X		
dbExpress server connectivity to Sybase® 12.5 (not Unicode-enabled)	C D	X	X	X		
Enhanced in 2010! dbExpress server connectivity to MySQL 5.1 and 5.0 (Unicode enabled) and 4.1	C D	X	X	X		
New in XE2! dbExpress ODBC Driver	C D	X	X	X		
dbExpress local connectivity to InterBase	C D	X	X	X	X	X
dbExpress local connectivity to MySQL	C D	X	X	X	X	
Enhanced in 2010! Data/Time related functions are now locale dependent	C D	X	X	X	X	
TClientDataset for managing and manipulating datasets in-memory	C D	X	X	X	X	
New in XE2! LiveBindings connect any type of data to any UI or graphical element in VCL and FireMonkey	C D	X	X	X	X	X
dbGO™ for ADO connectivity for Windows (MDAC 2.8)	C D	X	X	X	X	
InterBase Express Components	C D	X	X	X	X	X

Feature	Personality	Architect	Ultimate	Enterprise	Professional	Starter
DATASNAP						
Enhanced in XE2! Create multi-tier database applications with DataSnap. Create middle tier application servers and connect to them from thin clients. Place business rules and write stored procedure code in Delphi on the middle tier.	D	X	X	X		
Introduced for C++Builder XE! Create multi-tier database applications with DataSnap. Create middle tier application servers and connect to them from thin clients. Place business rules and write stored procedure code in C++Builder on the middle tier.	C	X	X	X		
Enhanced in XE2! Deploy DataSnap servers to Amazon EC2	C D	X	X	X		
New in XE2! HTTPS support in stand-alone DataSnap Applications	C D	X	X	X		
New in XE2! DataSnap server ability to terminate socket connection	C D	X	X	X		
New in XE2! CommunicationTimeout for HTTP protocol	C D	X	X	X		
New in XE2! JavaScript Minification with dispatching	C D	X	X	X		
New in XE2! Heavyweight callbacks support broadcasting to specific callbacks	C D	X	X	X		
New in XE2! RoleItem has Exclude list	C D	X	X	X		
New in XE2! Callback channel events for servers and clients	C D	X	X	X		
New in XE2! DataSnap REST server support for multiple Callback Tunnels	C D	X	X	X		
New in XE2! Session Events for TCP/IP Protocol	C D	X	X	X		
New in XE2! KeepAlive support for TCP transport component	C D	X	X	X		
New in XE2! Object support in DataSnap sessions	C D	X	X	X		
New in XE2! Monitor and control connections	C D	X	X	X		
New in XE2! Allow changing of JSON result format in REST calls	C D	X	X	X		
New in XE2! Allow query parameters in REST calls and store them	C D	X	X	X		
New in XE2! Proxy information support for HTTP connections	C D	X	X	X		
New in XE2! Identify client connection information (IP address and protocol, and application name for HTTP)	C D	X	X	X		
Enhanced in 2010! New ServerMethods give complete control over functionality of middle tier. Call procedures from server as if the code were right on the client. Continue to use familiar IAppServer interface while expanding power of application servers. No COM dependencies in new DataSnap framework and now with TJSonValue pairs making it easier to pass data	C D	X	X	X		
Enhanced in 2010! Improved Session events for increased simplicity of a multi-tier implementation	C D	X	X	X		
Enhanced in XE2! DataSnap wizards from the Object Gallery to make server and client creation even easier	C D	X	X	X		
New in XE2! DataSnap wizard source code enabling developers to build their own DataSnap server wizards	D	X	X	X		
Enhanced in XE! Added support for REST(ful) interface and exposure from the Server	C D	X	X	X		
Enhanced in XE2! Support for REST client proxy generation	C D	X	X	X		
Introduced in XE! DataSnap Server Proxy generation for Delphi, C++, JavaScript, and PHP	C D R	X	X	X		
Enhanced in XE! Added support for HTTP and HTTPS communication protocol beyond the local DataSnap (TCP/IP) approach	C D	X	X	X		
Enhanced in XE! Added HTTP tunneling support for client code outside the firewall	C D	X	X	X		
Enhanced in XE! Added Filter support for encryption and compression over-the-wire	C D	X	X	X		
Introduced in XE! Included new encryption PC1 and compression filters now included for quick enablement.	C D	X	X	X		
Introduced in XE! Heavyweight callbacks for enhanced client/server communications and notifications	C D	X	X	X		
Enhanced in XE! Added support for publishing DataSnap server through the WebBroker approach	C D	X	X	X		
Introduced in 2010! Added lightweight Callbacks	C D	X	X	X		

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VISUAL COMPONENT LIBRARY (VCL)						
New in XE2! VCL support for Win64	D	X	X	X	X	
VCL Form Designer to visually build native Windows applications	C D	X	X	X	X	X
VCL source code to extend and debug components	C, D	X	X	X	X	
New in XE2! VCL Styles: Create VCL applications with enhanced GUI	C D	X	X	X	X	X
New in XE2! Professional looking custom styles such as the Graphite series for VCL	C D	X	X	X	X	X
New in XE2! Create your own custom styles with the VCL Style Designer	C D	X	X	X	X	X
Introduced in 2010! Integrated gesturing framework with multi-OS support for Windows 7, Vista, XP and 2000	C D	X	X	X	X	X
Introduced in 2010! Gesture Designer enables full control of all gesture design and interaction	C D	X	X	X	X	X
Introduced in 2010! Gesture components (TGestureListView, TGesturePreview, TGestureRecorder) to build gesture creation and management into VCL based applications	C D	X	X	X	X	X
Introduced in 2010! Interactive multi-touch gestures for panning, zooming, and rotating (requires multi-touch enabled OS)	C D	X	X	X	X	X
Introduced in 2010! TTouchKeyboard a virtual keyboard for enhanced non-keyboard interface interactions that support multiple locales and languages	C D	X	X	X	X	X
Introduced in 2010! Ability to easily change languages and all TWinControls respond to the change	C D	X	X	X	X	X
Introduced in 2009! Ribbon Controls components for creating Microsoft Office style ribbon interfaces including ribbon, ribbon application menu bar, combobox, toolbar and tips	C D	X	X	X	X	X
Introduced in 2009! New VCL Components: TCategoryPanelGroup, TButtonedEdit, TLinkLabel, TBalloonHint	C D	X	X	X	X	X
Enhanced in 2010! Enhancements to existing controls: TButton, TEdit, TProgressBar, TListView, TTreeView, TRichEdit, TImageList	C D	X	X	X	X	X
Enhanced in 2010! Theming support for TGrid descendants	C D	X	X	X	X	X
Introduced in 2009! Full support for PNG image format in TImage and TImageList	C D	X	X	X	X	X
Enhanced in 2010! Icons can be assigned to Bitmaps	C D	X	X	X	X	X
Introduced in 2010! Support for Windows Imaging Component (WIC) including JPEG, TIFF, GIF, PNG, BMP, and HD Photo image formats. RAW camera formats (such as NRW, NEF, CRW, CR2, RW2, ARW, SR2, SRF, ORF, PEF, and DNG) also supported with manufacturer supplied codecs.	C D	X	X	X	X	X
Introduced in 2009! TImageList now supports all graphics formats contained in TImage	C D	X	X	X	X	X
Introduced in 2009! Import Component wizard to import a type library, ActiveX control or .NET Assembly	C D	X	X	X	X	X
Introduced in 2009! New Component wizard to create the unit for a new component	C D	X	X	X	X	X
Object-oriented, fully extensible and reusable component and application architecture	C D	X	X	X	X	X
Visual Form Inheritance and Form linking to reduce coding and simplify maintenance	C D	X	X	X	X	X
Frames for building and reusing compound components	C D	X	X	X	X	X
Object Repository for storing and reusing forms, Data Modules, and experts	C D	X	X	X	X	X
Object Inspector to set component properties and events	C D	X	X	X	X	X
Windows Vista look and feel including Windows Aero glassing effects	C D	X	X	X	X	X
Support for Windows theming of applications	C D	X	X	X	X	X
Standard components including frame, edit, menu, button, label, checkbox, list box, combo box, panel and action list	C D	X	X	X	X	X
Additional components including graphical buttons, image, shape, scroll box, splitter, buttoned edit, tabs, panels, action toolbar, and color map	C D	X	X	X	X	X
Win32 components including page control, image list, rich edit, progress bar, date time, calendar, toolbar, tree view and list view	C D	X	X	X	X	X

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System components including timer, paint box, media player, OLE container and DDE	C D	X	X	X	X	X
Win 3.1 controls including tabbed notebook, file list box, directory list box, drive combo box, filter combo box and db lookup	C D	X	X	X	X	X
Dialog components including open, save, open/save picture, open/save text, font, color, print, printer setup, find, replace and page setup	C D	X	X	X	X	X
Data Access Controls - datasource	C D	X	X	X	X	X
Data Access Controls including client dataset, dataset provider and XML transform	C D	X	X	X	X	
Data Controls including dbgrid, navigator, text, edit, memo, image, listbox, combo box, checkbox, radiogroup, lookup and rich edit	C D	X	X	X	X	X
dbExpress components including SQL connection, SQL dataset, SQL query, SQL Stored Proc, SQL table, SQL server method, SQL monitor and simple dataset	C D	X	X	X	X	
Internet components including web browser, dispatcher, page producer, dataset, query, page, table, TCP client and server and XML document	C D	X	X	X	X	X
Vista Dialog components including file open, file save and task	C D	X	X	X	X	X
DataSnap Client components including provider connection, DCOM connection, socket connection, shared connection, local connection, web connection, object broker and connection broker	C D	X	X	X		
Enhanced in XE! DataSnap Server components including TDSTCPServerTransport, TDSProxyGenerator, TDSServerMetaDataProvider, TDSConnectionMetaDataProvider, TDSRestConnection, TDSRestMetaDataProvider, TDSHTTPWebDispatcher, TDSServer, TDSServerClass, TDSHTTPService, TDSAuthenticationManager, TDSClientCallbackChannelManager, and TDSHTTPServiceFileDispatcher	C D	X	X	X		
Introduced in XE! Windows Azure components including AzureConnectionString, AzureBlobManagement, AzureQueueManagment, and AzureTableManagment	C D	X	X	X	X	
Sample components including gauge, color grid, spin button, spin edit, directory outline and calendar	C D	X	X	X	X	X
Indy components with more than 120 Internet protocols and Internet standards including TCP, UDP, ICMP, SMTP, POP3, IMAP4, HTTP, NNTP, FTP, IPv6, and much more	C D	X	X	X	X	
WebSnap components including adapters, values lists, dispatchers, file service, sessions service, web user list and page producers	C D	X	X	X	X	
Web Services components including HTTP, SOAP, and WSDL	C D	X	X	X	X	
dbGo components including ADO connection, command, dataset, table, query and stored procedure	C D	X	X	X	X	
Enhanced in XE2! IntraWeb components including Silverlight, Standard, Control, Standard 3.2, WAP, Data, Client Side, Data 3.2, Data WAP	C D	X	X	X	X	
Enhanced in XE2! TeeChart Standard components including chart, DBchart, dataset, buttons, draw, combo and image	C D	X	X	X	X	
Enhanced in XE2! InterBase Express (IBX) components	C D	X	X	X	X	
DATABASE APPLICATION DEVELOPMENT						
New in XE2! Fast SQL database development, change management, profiling, and tuning with DB PowerStudio® XE2, Developer Edition	C D		X			
Rapid SQL to write high quality SQL code faster	C D		X			
DB Optimizer to visually tune SQL	C D		X			
DB Change Manager to simplify database change management	C D		X			
DATABASE MODELING AND DESIGN						
Updated in XE! Embarcadero® ER/Studio® 9.0 Developer Edition, a database modeling and design tool for better understanding database structures	C D P	X				
Highly productive model-driven database design environment – advanced graphics, multilevel design capabilities, automated and custom transformation, denormalization mapping, extensible automation and undo/redo	C D P	X				
Database lifecycle support – forward engineering, reverse engineering to construct a model from an existing database or schema, and database modification	C D P	X				

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Enterprise model management – advanced compare and merge, sub-model management, "where used" analysis and XML schema generation	C D P	X				
Data warehouse and integration support – data lineage and dimensional modeling	C D P	X				
Quality database design - model completion validation, automatic migration of foreign keys and capacity planning	C D P	X				
Security design and assessment – including data classification and permission management	C D P	X				
Enhanced in 2010! Database modeling and design for Oracle, Microsoft SQL Server, DB2 LUW, InterBase, MySQL, Informix, Sybase ASE, SQL Anywhere, ODBC, and ANSI SQL	C D P	X				
Introduced in 2010! Visual Data Lineage – Visually analyze and document how data flows through your organization without needing to inspect code	C D P	X				
Introduced in 2010! Attribute-level submodeling – Choose which attributes/columns to include in the entities/tables in the submodel and also describe submodels on the new Definition tab, then create queries to search on the definitions	C D P	X				
Introduced in 2010! Object-level Compare Flags – Indicate international discrepancies when comparing models that the Compare Wizard should ignore.	C D P	X				
Introduced in 2010! Produce reports in HTML format	C D P	X				X
LICENSING AND TOOL MANAGEABILITY						
No fees or limitations on deployment of applications built with Delphi or C++Builder	C D	X	X	X	X	
Starter edition can be used to develop and distribute software up to $1,000 US in total revenue. If your total revenue related to apps built with Delphi or C++Builder is greater than $1,000 US, you must purchase a Pro, Ent, or Arch edition License	C D					X
Licensing suitable for larger teams with no restriction on number of licenses you can purchase or use	C D	X	X	X	X	
Starter edition limited to 5 simultaneous users within a network	C D					X
Enhanced in XE2! AppWave network named or concurrent licenses available	C D P	X	X	X	X	
Enhanced in XE2! Earlier version licenses included in AppWave network licenses (Delphi 2007- XE, C++Builder 2007- XE, Delphi Prism XE). Delphi 7 and C++Builder 6 available separately	C D P	X	X	X	X	
Enhanced in XE2! Access to licenses and downloads for earlier versions with purchase of standalone product licenses (Delphi 2007 - XE, Delphi 7, C++Builder 2007- XE, C++Builder 6, Delphi Prism XE)	C D P	X	X	X	X	
Enhanced in XE! Upgradeable to Embarcadero All-Access XE	C D P	X	X	X	X	
.NET APPLICATION DEVELOPMENT						
EMBARCADERO PRISM						
Enhanced in XE2! .NET and ASP.NET development environment	P	X	X	X	X	
Enhanced in XE2! RemObjects Oxygene Compiler 5.0	P	X	X	X	X	
New in XE2! Inline errors in editor with details, ranges & notes	P	X	X	X	X	
New in XE2! Fix-It support for selected new errors	P	X	X	X	X	
New in XE2! Language soft interfaces and duck typing	P	X	X	X	X	
New in XE2! Anonymous interface implementation	P	X	X	X	X	
New in XE2! Enhanced Oxidizer integration	P	X	X	X	X	
Enhanced in XE! Support for Aspect Oriented Programming (AOP)	P	X	X	X	X	
Enhanced in XE! Continuing improvement of Delphi/Win32 language support	P	X	X	X	X	
Introduced in 2010! Standard Aspects Library	P	X	X	X	X	
Introduced in 2010! Dynamic Types in .NET 4.0	P	X	X	X	X	
Introduced in 2010! Support for Lambda Expressions	P	X	X	X	X	
Introduced in 2010! Delphi Compatibility: Ignore unsupported method directives (such as override) when in compatibility mode	P	X	X	X	X	

Feature	Personality	Architect	Ultimate	Enterprise	Professional	Starter
Introduced in 2010! New compiler option for Delphi-compatible division (int/int = float)	P	X	X	X	X	
Parallel programming support for Futures, Parallel Loops, Asynchronous Statements, an improved locked directive, and more	P	X	X	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 Oxygene language	P	X	X	X	X	
Introduced in XE! Expression constructs: "if", "case" and "for"	P	X	X	X	X	
Introduced in XE! BigInteger support	P	X	X	X	X	
Introduced in XE! Readonly local variables	P	X	X	X	X	
Introduced in XE! Extension Methods syntax implementation	P	X	X	X	X	
Introduced in XE! Introductory support for Tuples	P	X	X	X	X	
Introduced in XE! Support for classic "begin/end" assembly entry point	P	X	X	X	X	
Property notifications make it easy to develop solutions that follow the Model/View/Controller design pattern	P	X	X	X	X	
Nullable expressions with support for nullable types in arithmetic and other expressions	P	X	X	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	P	X	X	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	P	X	X	X	X	
Enhanced in XE! Support for Parallel programming with .NET 4.0	P	X	X	X	X	
TARGET MULTIPLE PLATFORMS						
Target .NET 1.1, 2.0, 3.0, 3.5, and 4.0	P	X	X	X	X	
.NET Compact Framework 1.0 and 2 (No designer support)	P	X	X	X	X	
Mono, including Linux and Mac OS X	P	X	X	X	X	
Code-level support for Cocoa#, and Gtk#,	P	X	X	X	X	
Installs as a standalone application including Visual Studio 2010 Shell	P	X	X	X	X	
Installs into existing install of Visual Studio 2010	P	X	X	X	X	
Enhanced in XE2! Copy C#, paste as Oxygene code	P	X	X	X	X	
Introduced in XE! Import C# IDE menu option	P	X	X	X	X	
PROJECT TYPES						
Windows Application (WinForms)	P	X	X	X	X	
Windows Control Library	P	X	X	X	X	
Windows Service	P	X	X	X	X	
Class Library	P	X	X	X	X	
Console Application	P	X	X	X	X	
ASP.NET Web Application	P	X	X	X	X	
WCF Service Library	P	X	X	X	X	
WPF Application for creating an application with a WPF user interface	P	X	X	X	X	
WPF User Control Library for creating custom controls for use in WPF applications	P	X	X	X	X	
Mono Console Application for building a Mono command-line application	P	X	X	X	X	
Cocoa# Application (Tiger) for building an application for Mac OS X 10.4 or later, using Cocoa#	P	X	X	X	X	
Mono Class Library	P	X	X	X	X	
Cocoa # Application (Leopard) for building an application for Mac OS X 10.5 or later, using Cocoa#	P	X	X	X	X	
Silverlight Application (requires Visual Studio)	P	X	X	X	X	
Silverlight Class Library (requires Visual Studio)	P	X	X	X	X	
WinForms Application (Mac OS X)	P	X	X	X	X	
Gtk# Application	P	X	X	X	X	

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INTEGRATED TOOLS AND COMPONENTS						
New in XE2! FastReport.net reporting tool	P	X	X	X	X	
Introduced in XE! Integration with AnkhSVN 2.x for seamless Subversion source code management features in the IDE	P	X	X	X	X	
Introduced in XE! Raize CodeSite is included for advanced logging and debugging power	P	X	X	X	X	
Enhanced in XE! RemObjects Internet Pack is included and adds a set of both client and server socket components for HTTP, FTP, SMTP and POP3	P	X	X	X	X	
Introduced in XE! Code obfuscation with RemObjects Oxfuscator	P	X	X	X	X	
DATABASE APPLICATION DEVELOPMENT						
Enhanced in XE2! InterBase XE, 2009 and 2007 connectivity via ADO.NET	P	X	X	X	X	
Enhanced in 2010! Build DataSnap client applications that connect to native Windows DataSnap servers	P	X	X	X		
DataSnap™ multi-tier deployment license	P	X	X	X		
Enhanced in XE2! dbExpress local connectivity to InterBase XE, 2009, and 2007	P	X	X	X	X	
Enhanced in XE2! dbExpress server connectivity to InterBase XE, 2009, and 2007	P	X	X	X		
PHP, WEB AND MOBILE DEVELOPMENT WITH RADPHP						
INTEGRATED DEVELOPMENT ENVIRONMENT (IDE)						
Enhanced in XE! Visual PHP design surface to create user interfaces via drag-and-drop	R	X	X	X	X	
Live Snap-to hints and layout guidelines	R	X	X	X	X	
Enhanced in XE! HTML visual designer to edit HTML files and elements such as labels, tables and buttons	R	X	X	X	X	
Enhanced in XE! Templated form visual designer integrates HTML page design with RPCL (RadPHP Component Library) components	R	X	X	X	X	
Enhanced in XE! Project Manager to display and organize the contents of your current project	R	X	X	X	X	
Introduced in XE! Project Manager view menu for directory (nested), directory (flat) and list view of files in a project	R	X	X	X	X	
Introduced in XE! Project Manager interaction with Object Inspector to allow easily rename files, check full paths, etc	R	X	X	X	X	
Introduced in XE! Project Options to allow you select which parameters to send to the running script and other extra options	R	X	X	X	X	
Enhanced in XE! File manipulation and creation through the Project Manager facilities	R	X	X	X	X	
Introduced in XE! Multi-select files in the Project Manager	R	X	X	X	X	
Introduced in XE! IDE Insight the fastest way to find and execute commands in the IDE with 1-button click	R	X	X	X	X	
Introduced in XE! Checkbox for Boolean types in the Object Inspector greatly enhancing readability	R	X	X	X	X	
Introduced in XE! Web-oriented color property editor to use standard browser colors or custom ones	R	X	X	X	X	
Introduced in XE! Improved search features in the editor and with Find tab integration	R	X	X	X	X	
Introduced in XE! Added capabilities and configuration to the File | Reopen menu	R	X	X	X	X	
Enhanced in XE! Use Unit interaction capabilities increased	R	X	X	X	X	
Introduced in XE! Multi-instance loading so you can have several IDEs open at the same time	R	X	X	X	X	
Introduced in XE! Super fast loading, so you can use it as code editor	R	X	X	X	X	
Enhanced in XE! Significant all-around IDE performance improvements	R	X	X	X	X	
Introduced in XE! Undockable edit window	R	X	X	X	X	
Introduced in XE! Customizable New Menu to allow you select which items are available for faster access	R	X	X	X	X	

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Introduced in XE! History Manager with automatic multi-level file backups, file differencing and restore	R	X	X	X	X	
Enhanced in XE! IDE Welcome Page – with fast access to recent projects, Embarcadero Developer Network RSS news feeds, documentation, helpful links, updates, Weblogs, and more	R	X	X	X	X	
Enhanced in XE! Ability to individually customize editor options for particular file types	R	X	X	X	X	
Enhanced in XE! Symbol Insight – click to navigate to declarations	R	X	X	X	X	
Enhanced in XE! Tool Palette for easy access RPCL (RadPHP Component Library) components	R	X	X	X	X	
Enhanced in XE! Tool Palette incremental filtering automatically narrows down component list to find what you need as you type	R	X	X	X	X	
Introduced in XE! Context-aware Tool Palette, it shows only the appropriate items depending on what you are editing	R	X	X	X	X	
Enhanced in XE! Structure Pane to see and navigate the hierarchy of source code, HTML or components displayed in the editor or designer	R	X	X	X	X	
File Browser to view files and directories and perform basic file operations	R	X	X	X	X	
Enhanced in XE! Object Inspector for visual customization of PHP and AJAX components without writing code; now features subproperties and faster performance	R	X	X	X	X	
Introduced in XE! New File Dialog to allow you select the extension of the file to create	R	X	X	X	X	
Introduced in XE! Theming support, ability to use a different theme to customize your user experience	R	X	X	X	X	
IDE localization in multiple languages with drop-down menu to choose between English, German, Japanese, Spanish, Brazilian Portuguese, and Traditional Chinese. Easily add additional languages.	R	X	X	X	X	
Status Bar provides access to a variety of information and tools including the macro toolbar, cursor position, insert/overwrite and tabs for switching between code view, design view for visual modules and template code for templated forms	R	X	X	X	X	
Add Folder to Project menu option allows you to add several source files to your project in a single action	R	X	X	X	X	
Enhanced in XE! Dockable tool windows provide flexibility in laying out your working environment	R	X	X	X	X	
Enhanced in XE! Save Desktop enables saving and restoring user-configurable desktop configurations	R	X	X	X	X	
Select Debug Desktop enables selection of a user-configurable desktop configuration to be used for debugging	R	X	X	X	X	
Set your default browser and multiple browsers to appear as options under the Run menu	R	X	X	X	X	
Deployment Wizard helps you isolate the files necessary for your application to run and copies those files to a folder on your computer to make it easy to upload applications to a web server	R	X	X	X	X	
Introduced in XE! Documentation Wizard, uses phpdoc to generate the documentation for your product	R	X	X	X	X	
Enhanced in XE! Find in Files to specify the text you want to locate and to set options that affect the search such as directories, file, case and file extension masks	R	X	X	X	X	
Internationalization Wizard using gettext() simplifies localization of applications	R	X	X	X	X	
Enhanced in XE! Integrated web server for easy running applications directly from the IDE	R	X	X	X	X	
Introduced in XE! Classic Tool Palette to show installed components grouped in tabs	R	X	X	X	X	
Enhanced in XE! Event log displays error messages from the PHP rendering engine and syntax checker	R	X	X	X	X	

Feature	Personality	Architect	Ultimate	Enterprise	Professional	Starter
MOBILE DEVELOPMENT						
New in XE2! Build mobile-optimized Web applications	R	X	X	X	X	
New in XE2! Visual mobile design surface to see how the interface will look on the device	R	X	X	X	X	
New in XE2! Turn PHP apps into native mobile apps for iOS and Android	R	X	X	X	X	
RADPHP COMPONENT LIBRARY (RPCL)						
Enhanced in XE! Component library with 200+ drag-and-drop components for building user interfaces and database applications	R	X	X	X	X	
New in XE2! jQuery mobile components: MButton, MPanel, CheckBoxGroup, MRadioGroup, MobileTheme, MEdit, MTextArea, MSlider, MLink, MCollapsible,MToolBar, MToggle, MRadioButton, MCheckBox, MComboBox, MCollapisbleSet, MList, MAccelerometer, MCamera, MCompass, MGeolocation, MNetwork, MContacts, PageEvents, MPageExtraEvents, MDB, MDBTransaction, MFileReader, MFileWriter,MFileEntry, MDirectoryEntry, MDirectoryReader, MFileSystem, MFileTransfer, MCapture, MNotification, MConnection,MDevice	R	X	X	X	X	
Enhanced in XE! Standard components including Frame, Frameset, MainMenu, PopupMenu, Label, Edit, Memo, Button, CheckBox, RadioButton, ListBox, ComboBox, ScrollBar, GroupBox, RadioGroup, Panel, ActionList and FormValidator	R	X	X	X	X	
Enhanced in XE! Additional components including HiddenField, Upload, BitBtn, SpeedButton, Image, MapShape, FlashObject, Shape, Bevel, CheckListBox, SimpleChart, Window, LabeledEdit, Pager	R	X	X	X	X	
Enhanced in XE! Advanced components including PageControl, ImageList, RichEdit, TrackBar, ProgressBar, UpDown, DateTimePicker, MonthCalendar, TreeView, ListView, ButtonView, ColorSelector, TextField, and ToolBar	R	X	X	X	X	
Enhanced in XE! System components including Timer, PaintBox, BasicAuthentication and StyleSheet	R	X	X	X	X	
Enhanced in XE! Data Access components including Database, Datasource, Table, Query and StoredProc	R	X	X	X	X	
Enhanced in XE! Data Controls components including DBGrid, DBPaginator, DBRepeaater, DBIteratorBegin and DBIteratorEnd	R	X	X	X	X	
Enhanced in XE! Native components for InterBase including IBDatabase, IBTable, IBQuery and IBStoredProc	R	X	X	X	X	
Enhanced in XE! Web Services Service component	R	X	X	X	X	
Introduced in XE! Updated qooxdoo Standard JavaScript components including QMainMenu, QPopupMenu, QLabel, QEdit, QMemo, QButton, QCheckbox, QRadioButton, QListBox, QComboBox, QScrollBar, QRadioGroup, and QActionList	R	X	X	X	X	
Introduced in XE! Updated qooxdoo Additional JavaScript components including QBitBtn, QSpeedButton, and QImage	R	X	X	X	X	
Introduced in XE! Updated qooxdoo Advanced JavaScript components including QPageControl, QRichEdit, QDateTimePicker, QMonthCalendar, QTreeView, QPageScroller, QSlider, QSpinEdit, QIFrame, QColorSelector, and QWindow	R	X	X	X	X	
Enhanced in XE! Samples component Clock	R	X	X	X	X	
Enhanced in XE! Native components for MySQL including MySQLDatabase, MySQLTable, MySQLQuery and MySQLStoredProc	R	X	X	X	X	
Enhanced in XE! Native components for Oracle including OracleDatabase, OracleTable, OracleQuery and OracleStoredProc	R	X	X	X	X	
Enhanced in XE! jQuery components including AutoComplete, NotifyBar, PasswordStrength, SlideShow, and JQSlider	R	X	X	X	X	
Enhanced in XE! PEAR component PearDataGrid	R	X	X	X	X	
Enhanced in XE2! Zend Framework components ZACL, ZAuth, ZAuthDB, ZAuthDigest, ZCache, ZMail, ZMailTransportSMTP, ZMailTransportSMTP, ZmailTransportSendmail, ZCaptcha, ZBarcode, ZCurrency, ZDate, ZFile, ZFeedReader, ZFeedWriter, ZPubSubHubBubPublisher, ZGDataAuth, ZGDataCalendar, ZGDataDocs, ZGDataYoutube, ZGDataYoutube, ZGDataHealth, ZGDataSpreadsheets, ZGDataPhotos, ZGDataBooks, ZGDataApps, ZOAuth, ZRegistry, ZJson, ZHttp, ZJsonServer, ZRestServer, ZRestClient, ZOpenIdConsumer, ZOpenIdConsumerStorageDB, ZOpenConsumerStorageFile, ZOpenIdProvider, ZOpenIdProviderStorageDB, ZOpenIdProviderStorageFile, ZOpenIdProviderUserSession, ZMarkup and Zlog	R	X	X	X	X	

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Introduced in XE! Facebook components to allow visual development of Facebook applications including FBApplication, FBPermission, FBCaptcha, FBFriendSelector, FBBorad, FBBookmark, FFChatInvit, FBComments, FBFeed, FBMultiFriendInput, FBSilverlight, FBSwf, FBMp3, FBIFrame, FBFlv, and FBShareButton	R	X	X	X	X	
Introduced in XE! Facebook Social Plugins components to allow visual development of social-aspects of Facebook applications including LikeButton, LikeBox, ActivityFeed, and LiveStream	R	X	X	X	X	
Introduced in XE! Support for communication components for native Delphi and C++Builder DataSnap applications including DSJavaScriptClient and DSRestConnection	R	X	X	X	X	
Extend the RPCL (RadPHP Component Library) at any time with third-party libraries, new additions from the RPCL open source project on SourceForge or your own components	R	X	X	X	X	
Component Writer's Guide with information on building your own components	R	X	X	X	X	
CODE EDITOR						
Customizable source code editor for PHP and HTML editing	R	X	X	X	X	
User configurable Color Syntax Highlighting	R	X	X	X	X	
Enhanced! Code Insight – faster performance and improved code and parameter completion provide on-the-fly member lists and parameter hints as you type	R	X	X	X	X	
Enhanced in XE! Help Insight – convenient tooltips provide help snippets as you develop	R	X	X	X	X	
Enhanced in XE! ErrorInsight provides syntax checking as you type, so you can easily fix syntax errors on the fly	R	X	X	X	X	
Code Folding to collapse code blocks for easier viewing and navigation of your PHP code	R	X	X	X	X	
Sync Edit to modify common identifiers in different locations in your code at the same time	R	X	X	X	X	
Tracking band visually indicates which lines you have modified/added and which ones were modified on the last save operation	R	X	X	X	X	
Macro recording and playback to record a specific set of actions in the code editor and repeat them later	R	X	X	X	X	
Enhanced in XE! Source formatter to consistently format source code	R	X	X	X	X	
Each file in the code editor can have a specific encoding, a format and a character set	R	X	X	X	X	
Bookmarks allow you to set a mark on a specific location of your source code and return back later	R	X	X	X	X	
Code Editor customization options include overwrite mode, group undo, scroll to past line, double click line, undo after save, persistent blocks and overwrite blocks, selecting keymappings and setting undo limit	R	X	X	X	X	
Configurable Source Options include auto indent mode, use tab character, smart tab cursor through tab, optimal fill, backspace unindents, keep trailing blanks, show tab character, show space character, use syntax highlight, show line breaks, highlight current line, selectable syntax highlighting, block indent level and tab stops	R	X	X	X	X	
Editor display options include visible right margin, visible gutter, show line numbers number all lines, setting right margin, gutter width, editor font, font size	R	X	X	X	X	
Keymappings include default, BRIEF, IDE classic, Visual Basic emulation, Visual Studio emulation	R	X	X	X	X	
Enhanced in XE! CodeInsight options turn on and off code completion, code parameters, error insight, code completion auto parenthesis, code template completion and code browser and enable speed adjustments	R	X	X	X	X	
Enhanced in XE! Code Templates include 15 pre-built timesaving templates that can easily be inserted into your code	R	X	X	X	X	
Conversions menu item enables you to select a block of text and convert to all upper-case or all lower-case	R	X	X	X	X	
Dialogs to add published properties, public properties or publish public properties	R	X	X	X	X	
Go to Line Number jumps to a line number in the code editor	R	X	X	X	X	

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Enhanced in XE! Property editors for HTML documents	R	X	X	X	X	
HTML components for visual HTML development	R	X	X	X	X	
Options Dialog, faster and with more options	R	X	X	X	X	
Syntax Check performs a lint syntax check on the active file, showing results of the syntax checking operation in the messages window	R	X	X	X	X	
REFACTORING						
Introduced in XE! Includes the following refactorings: Extract Interface, Extract Superclass, Pull Members Up, Push Members Down, Rename, Declare Field, Extract Method, Change Parameters	R	X	X	X	X	
INTEGRATED PHP DEBUGGING AND PROFILING						
Introduced in XE! XDebug integration, faster and more powerful, helps find and fix errors	R	X	X	X	X	
Enhanced in XE! Integrated PHP Profiler to measure runtime performance and help identify bottlenecks down to the line of code	R	X	X	X	X	
Breakpoint List window to display, enable, or disable breakpoints currently set in the loaded project, and to change the condition, pass count, or group associated with a breakpoint	R	X	X	X	X	
Enhanced in XE! Breakpoint view with toolbar, in-place editing, and enable/disable checkbox	R	X	X	X	X	
Enhanced in XE! Advanced breakpoints with Tooltips, actions, and groups for complete debugging control	R	X	X	X	X	
Call Stack window shows a list with the functions called when debugging or when the execution in debug mode is finished	R	X	X	X	X	
Global Variables window shows the current function's global variables while in debug mode	R	X	X	X	X	
Enhanced in XE! Local Variables window shows the current function's local variables while in debug mode	R	X	X	X	X	
Watches window displays the current value of the watch expression based on the scope of the execution point	R	X	X	X	X	
Expandable watches for arrays and objects	R	X	X	X	X	
Enhanced in XE! Evaluator tooltips – just place the mouse over an item, and get the evaluation in a hint	R	X	X	X	X	
Introduced in XE! Evaluate/Modify, issue function calls or modify variable values on the fly	R	X	X	X	X	
Enhanced in XE! Multi-tab watch view for logically grouping variables	R	X	X	X	X	
Enhanced in XE! Event log view showing messages from the IDE	R	X	X	X	X	
DATABASE APPLICATION DEVELOPMENT						
Enhanced in XE! Data Explorer to add a new connection, modify, delete, or rename your database connections	R	X	X	X	X	
Enhanced in XE! Support for Microsoft SQL Server, Oracle, PostgreSQL, Informix, Sybase, DB2, and SQL Anywhere in the Data Explorer in addition to support for MySQL and InterBase	R	X	X	X	X	
Enhanced in XE! Support for ODBC and ADO based database access	R	X	X	X	X	
Introduced in XE! Firebird support in the IDE	R	X	X	X	X	
Connectivity to all other PHP supported databases via ADOdb	R	X	X	X	X	
Introduced in XE! Visual query builder for visual SQL editing and running	R	X	X	X	X	
Drag and drop from the data explorer to build data-driven applications with no coding	R	X	X	X	X	
RPCL (RadPHP Component Library) data access components	R	X	X	X	X	
RPCL data controls components	R	X	X	X	X	
RPCL native components for InterBase	R	X	X	X	X	
RPCL native components for MySQL	R	X	X	X	X	
RPCL native components for Oracle	R	X	X	X	X	
RPCL PEAR DataGrid component	R	X	X	X	X	