FEATURES

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C++Builder® 2010

EMBARCADERO TECHNOLOGIES®

C++ Feature Matrix

INTEGRATED COMPILERS	ARCHITECT	ENTERPRISE	PROFESSIONAL
Enhanced in 2010! Embarcadero C++ Compiler 6.20 (bcc32)	x	x	x
Enhanced in 2010! ANSI/ISO C++ Standard language conformance and Boost support	x	x	x
New in 2010! #pragma once support that allows for better compatibility with MSVC and also acts as a header guard	x	x	x
New in 2010! [[deprecated]] attribute to flag constructs as deprecated	x	x	x
New in 2010! Enhanced compiler switches for XML representation of source code	x	x	x
New in 2010! Secure C library functions	x	x	x
Introduced in 2009! New language features from the next ANSI/ISO C++ standard	x	x	x
Enhanced in 2007! Linker error handling to improve memory management flexibility and resolution	x	x	x

INTEGRATED FRAMEWORKS, DESIGNERS, SDKS AND INSTALLERS	ARCHITECT	ENTERPRISE	PROFESSIONAL
Enhanced in 2010! VCL (Visual Component Library) for rapidly building Microsoft Windows applications now includes seamless Windows 7 support, and graceful fallback compatibility with Windows Vista, XP, and 2000	x	x	x
Enhanced in 2010! Support for Windows Vista and Windows 7 API headers to fully exploit the latest Windows capabilities	x	x	x
New in 2010! Support for Windows 7 Direct2D API	x	x	x
VCL forms designer with live Snap-to hints and layout guidelines	x	x	x
Unified Modeling Language® (UML®) designer	x	x	x
Introduced in 2007! InstallAware installer technology allows for on the fly updating. IDE can automatically check for updates	x	x	x
Introduced in 2007! .NET API access for C++	x	x	x
Introduced in 2009! Dinkumware STL v5.01 with iterator debugging	x	x	x
Introduced in 2009! ANSI/ISO standard library Technical Report 1	x	x	x
Enhanced in 2010! Integrated Boost libraries 1.39	x	x	x

INTEGRATED BUILD TOOLS AND PROJECT SUPPORT	ARCHITECT	ENTERPRISE	PROFESSIONAL
Introduced in 2009! Project Manager to display and organize the contents of your current project group and any project it contains	x	x	x
Enhanced in 2010! Project Manager view menu for directory (nested), directory (flat) and list view of files in a project	x	x	x
Enhanced in 2010! File manipulation and creation through the Project Manager facilities	x	x	x
Improved IDE build times up to 5x!	x	x	x
Introduced in 2009! Optimize build times with pre-compiled header wizard	x	x	x
Introduced in 2007! Batch compilation – compile all like files in project at once for increased performance	x	x	x
Introduced in 2007! Flexible build system leveraging MSBuild with identical build process from the IDE or command line	x	x	x
Introduced in 2007! Virtual folders to logically organize files in your project stored in different locations	x	x	x
Enhanced in 2010! C++Builder 3 through 2009 project import	x	x	x
Introduced in 2009! Build Configurations provide flexibility to organize multiple build settings for all compiler and linker options	x	x	x
Introduced in 2009! Named option sets to save and apply build configurations to any project	x	x	x
Introduced in 2009! Share option-sets between build configurations and between projects	x	x	x
Introduced in 2007! Multi-select files in the Project Manager	x	x	x
Introduced in 2007! File Browser – Windows shell integrated into the IDE	x	x	x
Introduced in 2007! Build Events for pre-build, pre-link (C++ only), and post-build on project and file levels	x	x	x
Project dependency checking	x	x	x

Feature	Architect	Enterprise	Professional
IDE Studio personality indicator – shows which is active when multiple languages are available	x	x	x
Project level build ordering	x	x	x
File level build ordering	x	x	x
Build/Make from here – Make or build current project and all later projects	x	x	x
Impdef utility provides information about DLLs	x	x	x
Implib utility to create import libraries from DLLs	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	x	x	x
Enhanced in 2010! Tlib utility for symbol case conversion to create extended libraries and modify page sizes	x	x	x

LANGUAGE AND RUNTIME LIBRARY FEATURES	ARCHITECT	ENTERPRISE	PROFESSIONAL
New in 2010! Object-oriented file and directory IO classes	x	x	x
Enhanced in 2010! Support for localized resources	x	x	x
Enhanced in 2010! Improved standard C++ heap manager	x	x	x
Enhanced in 2010! Optimized string/memory handling functions	x	x	x
Introduced in 2009! UnicodeString class	x	x	x
Introduced in 2009! TObject now contains virtual methods ToString, GetHashCode, and Equals.	x	x	x
Introduced in 2009! Unicode character types char16_t and char32_t	x	x	x
Introduced in 2009! Move semantics with rvalue references	x	x	x
Introduced in 2009! Explicit conversion operators	x	x	x
Introduced in 2009! Static assertions	x	x	x
Introduced in 2009! Full type trait support	x	x	x
Introduced in 2009! Extern templates	x	x	x
Introduced in 2009! [[final]] and [[noreturn]] attributes	x	x	x
Introduced in 2009! Decltype keyword	x	x	x
Introduced in 2009! Scoped enumerations	x	x	x
Expression evaluation in compiler directives	x	x	x
Create reusable native 32-bit dynamically linked libraries (.DLL), COM controls (.OCX), and standalone executables	x	x	x
Custom variants with support of your own data types, complex numbers, safe arrays, and passing variants through data sets	x	x	x
Expanded variant support for Int64, unsigned types and Unicode strings	x	x	x

PERSONAL DEVELOPER PRODUCTIVITY	ARCHITECT	ENTERPRISE	PROFESSIONAL
New in 2010! IDE Insight the fastest way to find and execute commands in the IDE with 1-button click	x	x	x
New in 2010! Code formatter and beautification for source code including block formatting	x	x	x
New in 2010! New 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.	x	x	x
New in 2010! Checkbox for Boolean types in the Object Inspector greatly enhancing readability	x	x	x
New in 2010! Compilation can be now done in a background thread	x	x	x
Enhanced in 2010! Property Editors for Date properties now use Calendar controls	x	x	x
Enhanced in 2010! Improved search features in the editor and with Find tab integration	x	x	x
Enhanced in 2010! Added capabilities and configuration to the File	Reopen menu	x	x	x
Introduced in 2009! Resource Manager greatly simplifies the addition of resources to projects	x	x	x
Introduced in 2009! Alpha channels in icons	x	x	x
Enhanced in 2010! Significant all-around IDE performance improvements	x	x	x
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.	x	x	x
Editor "Change Bar" indicates modified lines and saved modified lines	x	x	x
"Smart" Block completion – anticipates and gracefully adds block closures as you type	x	x	x
Virtual form positioner for VCL designers in "docked" mode	x	x	x
Hot-key Tool Palette w/ Incremental search – find any component quickly	x	x	x

Feature	Architect	Enterprise	Professional
Multi-Target Project Manager supports all language projects, even within the same Project Group	x	x	x
SyncEdit – block-edit multiple instances of a symbol simultaneously	x	x	x
History Manager with automatic multi-level file backups, file differencing and restore	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	x	x	x
Integrated QualityCentral – submit bug reports and feature requests to Embarcadero	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	x	x	x
Syntax Highlighting Open Tools API extension with built in support for JavaScript, PHP, INI files and more	x	x	x
Ability to individually customize editor options for particular file types	x	x	x
Full-featured Open Tools API allows for customization of the IDE through wizards and experts.	x	x	x
Symbol Insight – click to navigate to declarations and implementations	x	x	x
Code Insight – Faster performance and improved code and parameter completion provide on-the-fly member lists and parameter hints as you type	x	x	x
Code Insight – Code completion for DTD described markup language including HTML, WML, XHTML, and XSL	x	x	x
Enhanced in 2010! Code Folding configuration and properties	x	x	x
Editor Gutter – easier to read with less clutter	x	x	x
Code Completion for C/C++, HTML, XHTML, XSL, and CSS	x	x	x
Custom IDE desktop layout profiles with enhanced support for docked windows	x	x	x
To-do lists keep your development on track	x	x	x
New in 2010! Open Tools API generic version control support for building third party version control plug-ins to the IDE	x	x	x
New in 2010! Open Tools API access to code editor tabs exposed	x	x	x
New in 2010! Open Tools API ability to create dockable views exposed	x	x	x
INTERNATIONAL DEVELOPMENT	**ARCHITECT**	**ENTERPRISE**	**PROFESSIONAL**
Introduced in 2009! Unicode-enabled development environment	x	x	x
Enhanced in 2010! Unicode-enabled VCL	x	x	x
Introduced in 2009! UnicodeString type	x	x	x
New in 2010! English, German, French and Japanese translations available for IDE menus and dialogs, compiled units, resources, and source code	x	x	x
New in 2010! Easy switching between languages for IDE menus and dialogs and more	x	x	x
Introduced in 2009! Resource DLL Wizard to create Win32 resource DLLs for localization	x	x	x
Introduced in 2009! Integrated Translation Environment (ITE) to view and edit VCL forms and resource strings	x	x	x
Introduced in 2009! External Translation Manager (ETM) to view and edit language resource files outside the IDE	x	x	x
Introduced in 2009! Translation Repository provides a database for translations that can be shared across projects	x	x	x
REFACTORINGS	**ARCHITECT**	**ENTERPRISE**	**PROFESSIONAL**
Rename refactoring	x	x	x
Refactor driven "Find References"	x	x	x
UML MODELING	**ARCHITECT**	**ENTERPRISE**	**PROFESSIONAL**
Introduced in 2007! UML Code Visualization – at any time, get a UML model view of your source code	x	x	x
Enhanced in 2010! Diagrams have an updated look and feel	x	x	x
Introduced in 2007! Sequence diagrams	x	x	
Introduced in 2007! Collaboration diagrams	x	x	
Introduced in 2007! State charts	x	x	
Introduced in 2007! Deployment diagrams	x	x	
Introduced in 2007! Use case diagrams	x	x	
Introduced in 2007! Activity diagrams	x	x	
Introduced in 2007! Component diagrams	x	x	
Introduced in 2007! Documentation generation	x	x	
Import model from Rational® Rose (mdl import)	x		

Feature	Architect	Enterprise	Professional
Introduced in 2009! Language neutral UML 1.5 modeling	x		
Introduced in 2009! Language neutral UML 2.0 modeling	x		
Enhanced in 2010! Transformation from language neutral UML 1.5 and UML 2.0 projects to source code projects	x		
Enhanced in 2009! Design Patterns support, including GOF patterns	x	x	
New in 2010! Custom design patterns support	x	x	
Introduced in 2007! Diagram printing	x	x	x
XMI 1.1 Import/Export	x	x	
Introduced in 2009! Full two-way class diagrams with synchronization between code and diagrams	x	x	x
OCL 2.0 support	x	x	x
"UML in Color" profile	x	x	x
Diagram hyper-linking and annotations	x	x	x

INTEGRATED DEBUGGING	ARCHITECT	ENTERPRISE	PROFESSIONAL
Full-featured debugger with color syntax highlighting	x	x	x
New in 2010! Debugger visualizers to enable extended views of debugging data	x	x	x
New in 2010! Debugger visualizer for C++ Strings types	x	x	x
New in 2010! Build debugger visualizers for your own data types	x	x	x
New in 2010! Debugger visualizer for TDateTime, TDate and TTime	x	x	x
New in 2010! Multi-threaded-debugging the ability to selectively "freeze" and "Thaw" threads	x	x	x
New in 2010! Multi-threaded-debugging the ability to set a breakpoint for a selected thread	x	x	x
New in 2010! Multi-threaded-debugging the ability to debug a selected thread	x	x	x
Introduced in 2009! Support for Wait Chain Traversal in Vista and Windows 2008	x	x	x
Introduced in 2007! Disassembly pane has "Show Opcodes" and "Show Addresses" local menu items	x	x	x
Enhanced in 2010! New Debugger Options: "Scroll new events into view" and "Ignore non-user breakpoints"	x	x	x
Introduced in 2007! Call Stack View shows a glyph indicating if the frame has debug info	x	x	x
Enhanced in 2010! CPU view panes can be opened individually outside of an editor tab	x	x	x
Enhanced in 2010! Integration between debugger views and panes making it easier to find and understand information	x	x	x
Introduced in 2007! Call Stack view now automatically syncs the Locals view when you double click an item	x	x	x
Introduced in 2007! Evaluator tooltip hints go transparent when the CTRL key is pressed, allowing you to see through them to the editor	x	x	x
Expandable tooltip expression evaluation	x	x	x
Enhanced in 2010! Expandable watches	x	x	x
Expandable local variables view	x	x	x
Selective symbol table loading	x	x	x
Close implicitly opened files after debugging	x	x	x
Multi-select and copy to clipboard support in CPU view	x	x	x
Ctrl-Click in editor gutter to enable/disable breakpoints	x	x	x
Sort by load order in Modules view	x	x	x
Set Next Statement local menu item in editor	x	x	x
Exception notification dialog: Break/Continue buttons, "Ignore exception type" checkbox	x	x	x
Introduced in 2009! Break into debugger when an assert fires	x	x	x
Modules View sorting	x	x	x
Remote debugging	x	x	x
Enhanced! CodeGuard debugger support	x	x	x
Thread view displays status on all processes and threads under debugger control	x	x	x
CPU view for low-level debugging	x	x	x
Evaluator	x	x	x
Watch view supporting in place editing, checkbox enable/disabling, and the watch names separated from the values with columns	x	x	x
Multi-tab watch view for logically grouping variables	x	x	x
Breakpoint view with toolbar, in-place editing, and enable/disable checkbox	x	x	x

	ARCHITECT	ENTERPRISE	PROFESSIONAL
Multi-process debugging for easy tracing through complex applications	x	x	x
Attach to and debug any process	x	x	x
Detach from any process	x	x	x
Run until return	x	x	x
Advanced breakpoints with Tooltips, actions, and groups for complete debugging control	x	x	x
Breakpoint Data Aware Triggers	x	x	x
Debug spawned processes	x	x	x
Debug Inspector for easily monitoring properties while debugging	x	x	x
Enhanced in 2010! Event log view	x	x	x

INTEGRATED UNIT TESTING	ARCHITECT	ENTERPRISE	PROFESSIONAL
Integrated unit testing with the DUnit testing framework	x	x	x
Unit test wizards for quick and easy unit test and unit test project creation	x	x	x
Unit test code generation with full code to invoke each method	x	x	x
Update existing unit test cases with new test methods	x	x	x
Execute unit tests from project manager	x	x	x

DOCUMENTATION	ARCHITECT	ENTERPRISE	PROFESSIONAL
Updated and Continually Enhanced in 2010! Completely revamped help system with class structure diagrams and thorough cross-linking	x	x	x
Enhanced! Filtering and optimized searches. Integrated help system with MS Help 2	x	x	x

DATABASE APPLICATION DEVELOPMENT AND CONNECTIVITY	ARCHITECT	ENTERPRISE	PROFESSIONAL
DBEXPRESS			
Enhanced in 2010! dbExpress® 4 database connectivity framework with connection pooling, tracing, and delegate drivers	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	x	x	x
Enhanced in 2010! dbExpress server connectivity to Embarcadero InterBase® 2007 and InterBase SMP 2009	x	x	
New in 2010! dbExpress Server connectivity to Firebird 1.5 and 2.1	x	x	
Enhanced in 2010! dbExpress server connectivity to Oracle® 10g and 11g	x	x	
Enhanced in 2010! dbExpress server connectivity to Microsoft SQL Server® 2000, 2005, and 2008	x	x	
dbExpress server connectivity to Informix® 9x (not Unicode-enabled)	x	x	
dbExpress server connectivity to IBM DB2® 8.x (not Unicode-enabled)	x	x	
dbExpress server connectivity to SQL Anywhere® 9 (not Unicode-enabled)	x	x	
dbExpress server connectivity to Sybase® 12.5 (not Unicode-enabled)	x	x	
Enhanced in 2010! dbExpress server connectivity to MySQL 4.1, 5.0 and 5.1	x	x	
dbExpress server connectivity to Blackfish SQL	x	x	
dbExpress local connectivity to InterBase, Blackfish SQL and MySQL	x	x	x
Enhanced in 2010! Date/Time related functions are now locale dependent	x	x	x
TClientDataset for managing and manipulating datasets in-memory	x	x	x
dbGO® for ADO connectivity for Win32 (MDAC 2.8)	x	x	x
Updated in 2010! InterBase Express components	x	x	x
DATASNAP			
Enhanced in 2010! 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.	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	x	x	
Enhanced in 2010! Improved Session events for increased simplicity of a multi-tier implementation	x	x	
New in 2010! New DataSnap wizards from the Object Gallery to make server creation even easier	x	x	
New in 2010! Added support for REST(ful) interface and exposure from the Server	x	x	
New in 2010! Added support for HTTP and HTTPS communication protocol beyond the local DataSnap (TCP/IP) approach	x	x	

Feature	Architect	Enterprise	Professional
New in 2010! Added HTTP tunneling support for client code outside the firewall	x	x	
New in 2010! Added Filter support controlling and processing the data stream before it goes over the wire	x	x	
New in 2010! Added support for publishing DataSnap server through the WebBroker approach	x	x	
New in 2010! Added lightweight Callbacks	x	x	
Royalty Free! MIDAS/DataSnap® multi-tier deployment license	x	x	

DATABASE TOOLS	ARCHITECT	ENTERPRISE	PROFESSIONAL
Data Explorer to add and manage database connections and browse database schema	x	x	x
Drag and Drop from the dbExpress node in the Data Explorer into VCL Forms to speed development	x	x	x
SQL console views for running queries and viewing results on any dbExpress 4 supported database	x	x	x
Navigate to Delphi code-based stored procedures from Data Explorer	x	x	x
Introduced in 2007! Visual query builder	x	x	x

INCLUDED DATABASES	ARCHITECT	ENTERPRISE	PROFESSIONAL
Introduced in 2009! InterBase 2009 SMP Developer Edition – up to 20 users and 80 logical local connections	x	x	x
Introduced in 2007! Blackfish™ SQL with local connectivity, 1 user (4 connections), 512MB database size, 512MB RAM usage			x
Introduced in 2007! Blackfish SQL with remote connectivity, 5 users (20 connections), 2GB database size, 1GB RAM usage	x	x	
Borland Database Engine for dBASE and Paradox	x	x	x

REPORTING SOLUTIONS	ARCHITECT	ENTERPRISE	PROFESSIONAL
Updated in 2010! Nevrona Rave Reports® 7.7 Bundled Edition	x	x	x

ADDITIONAL COMPONENTS AND TOOLS	ARCHITECT	ENTERPRISE	PROFESSIONAL
Updated in 2010! glyFX Icon Library – Embarcadero Edition	x	x	x
Introduced in 2007! InstallAware Express CodeGear Edition	x	x	x
Updated in 2010! TeeChart 8.0 charting components	x	x	x
XML/SOAP WEB SERVICES DEVELOPMENT			
Enhanced in 2010! Support for SOAP 1.2 clients	x	x	

BIZSNAP WEBSERVICES™	ARCHITECT	ENTERPRISE	PROFESSIONAL
Introduced in 2007! WSDL External Schema support	x	x	x
Introduced in 2007! SOAP runtime support for optional and unbounded elements	x	x	x
Introduced in 2007! SOAP features updated to support Amazon, eBay, MapPoint, and more	x	x	x
Build server-side XML Web Services	x	x	x
Build client-side XML Web Services	x	x	x

WEB APPLICATION DEVELOPMENT	ARCHITECT	ENTERPRISE	PROFESSIONAL
VCL FOR THE WEB (INTRAWEB)			
Updated in 2010! VCL for the Web – Complete RAD Web Application Framework with AJAX, Silverlight and full WYSIWYG VCL based Web page design w Server side C++ event handling – build Web apps like desktop VCL! 5 connection limit in Professional edition.	x	x	Limited
INTERNET EXPRESS (INDY)			
Updated in 2010! Internet Express (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	x	x	x
WEBSNAP™ / WEB BROKER			
WebSnap™ component-based framework for developing Web Server applications (deprecated)	x	x	
Server-side scriptable Web page components to easily interface WebSnap objects with Web site developer teams and scripters	x	x	
Server-side scripting in WebSnap with JavaScript™ and VBScript	x	x	

REMOTING AND APPLICATION CONNECTIVITY	ARCHITECT	ENTERPRISE	PROFESSIONAL
Import .NET assemblies as COM objects in Win32 VCL applications	x	x	x
DCOM support	x	x	x
DataSnap/MIDAS multi-tier database application framework	x	x	
Advanced Type Library Editor now manages IDL, making COM development completely transparent.	x	x	x
History Manager supports IDL, with automatic multi-level file backups, file differencing and restore	x	x	x
Support for Automation Object event handling	x	x	x

	ARCHITECT	ENTERPRISE	PROFESSIONAL
COM Object Wizard	x	x	x
Microsoft ActiveX® Control Data binding	x	x	x
Import COM servers as components to develop visually	x	x	x

VISUAL COMPONENT LIBRARY (VCL)	ARCHITECT	ENTERPRISE	PROFESSIONAL
VCL Form Designer to visually build native Windows applications	x	x	x
New in 2010! Integrated gesturing framework with multi-OS support for Windows 7, Vista, XP, and 2000	x	x	x
New in 2010! Gesture Designer enables full control of all gesture design and interaction	x	x	x
New in 2010! Gesture components (TGestureListView, TGesturePreview, TGestureRecorder) to build gesture creation and management into VCL applications	x	x	x
New in 2010! Interactive multi-touch gestures for panning, zooming and rotating (requires multi-touch enabled OS)	x	x	x
New in 2010! TTouchKeyboard a virtual keyboard for enhanced non-keyboard interface interactions that supports multiple locales and languages	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	x	x	x
Introduced in 2009! New VCL Components: TCategoryPanelGroup, TButtonedEdit, TLinkLabel, TBalloonHint	x	x	x
Enhanced in 2009! Enhancements to existing controls: TButton, TEdit, TProgressBar, TListView, TTreeView, TRichEdit, TImageList	x	x	x
Enhanced in 2010! Theming support for Grid components	x	x	x
Introduced in 2009! Full support for PNG image format in TImage and TImageList	x	x	x
Enhanced in 2010! Icons can be assigned to Bitmaps	x	x	x
New 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.	x	x	x
Introduced in 2009! Import Component wizard to import a type library, ActiveX control or .NET Assembly	x	x	x
Introduced in 2009! New Component wizard to create the unit for a new component	x	x	x
Object-oriented, fully extensible and reusable component and application architecture	x	x	x
Visual Form Inheritance and Form linking to reduce coding and simplify maintenance	x	x	x
Frames for building and reusing compound components	x	x	x
Object Repository for storing and reusing forms, Data Modules, and experts	x	x	x
Object Inspector to set component properties and events	x	x	x
Introduced in 2007! Windows Vista look and feel including Windows Aero glassing effects	x	x	x
Enhanced in 2009! Support for Windows theming of applications	x	x	x
Standard components including frame, edit, menu, button, label, checkbox, list box, combo box, panel and action list	x	x	x
Additional components including graphical buttons, image, shape, scroll box, splitter, buttoned edit, tabs, panels, action toolbar, and color map	x	x	x
Win32 components including page control, image list, rich edit, progress bar, date time, calendar, toolbar, tree view and list view	x	x	x
System components including timer, paint box, media player, OLE container and DDE	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	x	x	x
Dialog components including open, save, open/save picture, open/save text, font, color, print, printer setup, find, replace and page setup	x	x	x
Data Access Controls including datasource, client dataset, dataset provider and XML transform	x	x	x
Data Controls including dbgrid, navigator, text, edit, memo, image, listbox, combo box, checkbox, radiogroup, lookup and rich edit	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	x	x	x
Internet components including web browser, dispatcher, page producer, dataset, query, page, table, TCP client and server and XML document	x	x	x
Introduced in 2007! Vista Dialog components including file open, file save and task	x	x	x
DataSnap Client components including provider connection, DCOM connection, socket connection, shared connection, local connection, web connection, object broker and connection broker	x	x	x
Sample components including gauge, color grid, spin button, spin edit, directory outline and calendar	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	x	x	x
WebSnap components including adapters, values lists, dispatchers, file service, sessions service, web user list and page producers	x	x	x
Web Services components including HTTP, SOAP, and WSDL	x	x	x
dbGo components including ADO connection, command, dataset, table, query and stored procedure	x	x	x
Updated! VCL for the Web components including Silverlight, Standard, Control, Standard 3.2, WAP, Data, Client Side, Data 3.2, Data WAP	x	x	x
DataSnap Server components including TCP server transport, server and server class	x	x	x
Updated in 2010! TeeChart Standard components including chart, DBchart, dataset, buttons, draw, combo and image	x	x	x
Updated in 2010! InterBase Express (IBX) components	x	x	x

DATABASE MODELING AND DESIGN	ARCHITECT	ENTERPRISE	PROFESSIONAL
Updated in 2010! Embarcadero® ER/Studio® 8.0 Developer Edition, a database modeling and design tool for better understanding database structures	x		
Highly productive model-driven database design environment - advanced graphics, multilevel design capabilities, automated and custom transformation, denormalization mapping, extensible automation and undo/redo	x		
Database lifecycle support – forward engineering, reverse engineering to construct a model from an existing database or schema, and database modification	x		
Enterprise model management – advanced compare and merge, submodel management, "where used" analysis and XML schema generation	x		
Data warehouse and integration support – data lineage and dimensional modeling	x		
Quality database design – model completion validation, automatic migration of foreign keys and capacity planning	x		
Security design and assessment – including data classification and permission management	x		
Enhanced in 2010! Database modeling and design for Oracle, Microsoft SQL Server (including v. 2008), DB2 LUW, InterBase, MySQL, Informix, Sybase ASA, Sybase ASE, ODBC, and ANSI SQL	x		
New in 2010! Visual Data Lineage – Visually analyze and document how data flows through your organization without needing to inspect code	x		
New 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	x		
New in 2010! Object-level Compare Flags – Indicate intentional discrepancies when comparing models that the Compare Wizard should ignore.	x		
New in 2010! Produce reports in HTML format	x		
Updated in 2010! ER/Studio 8.0 Developer Edition trial		x	x