

# Borland® Developer Studio 2006

Includes Borland® Delphi® 2006, C++Builder® 2006, and C#Builder® 2006

## FEATURE MATRIX

LANGUAGE Architect Enterprise Professional  
d-Delphi for Win32  
D-Delphi for .NET  
#-C# for .NET  
C-C/C++ for Win32

### INTEGRATED COMPILERS

<b>Enhanced!</b> High-performance 32-bit optimizing Borland® Delphi® native code compiler	d	✓	✓	✓
<b>Enhanced!</b> High-performance Delphi managed code compiler for the Microsoft® .NET Framework	D	✓	✓	✓
Microsoft Visual C#® managed code compiler for .NET	#	✓	✓	✓
32-bit inline assembler with support for the full Intel® x86 instruction set (including Intel Pentium® Pro, Pentium III, Pentium 4, Intel MMX,™ SIMD, Streaming SIMD Extensions, SSE, SSE2, and SSE3, and AMD® 3DNow!®)	d	✓	✓	✓
<b>Enhanced!</b> Borland C++ compiler 5.8 (bcc32)	C	✓	✓	✓
<b>New!</b> Support for Dinkumware for enhanced conformance to ANSI/ISO C++ standards	C	✓	✓	✓
<b>Enhanced!</b> Linker error handling to improve memory management flexibility and resolution	C	✓	✓	✓
<b>Enhanced!</b> Import definitions utility to provide information about DLLs (impdef)	C	✓	✓	✓
<b>Enhanced!</b> Import library utility to create import libraries from DLLs (implib)	C	✓	✓	✓
<b>New!</b> .NET header files for unmanaged API (cor.h)	C	✓	✓	✓
<b>Enhanced!</b> Borland Turbo Dump to structurally analyze EXE, OBJ and LIB files (tdump)	C	✓	✓	✓
<b>Enhanced!</b> Symbol case-conversion, creating extended libraries and modifying page size (tlib)	C	✓	✓	✓

### FRAMEWORKS AND SDKS

<b>Enhanced!</b> VCL for rapidly building Borland® Developer Studio applications for Microsoft Win32® -- with full RAD Visual design	d C	✓	✓	✓
<b>Enhanced!</b> VCL.NET for rapidly building Borland Developer Studio applications for the Microsoft .NET Framework— with full RAD Visual design	D	✓	✓	✓
.NET Windows® Forms v1.1—with full RAD Visual design	D #	✓	✓	✓
ASP.NET v1.1, including Web Forms and Web Services—with <b>enhanced</b> full RAD Visual design	D #	✓	✓	✓

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ADO.NET v1.1—with full RAD Visual design	D #	✓	✓	✓
Microsoft .NET Framework SDK v1.1	D #	✓	✓	✓
Microsoft Win32 SDK	d C	✓	✓	✓

### RAD TWO-WAY VISUAL DESIGNERS

<b>New for C/C++!</b> AtoZed IntraWeb® 8.0 complete RAD Web application and Web page development	d C D	✓	✓	
<b>New for C/C++!</b> AtoZed IntraWeb 8.0 RAD Web page development	d C D	✓	✓	✓
<b>Enhanced!</b> VCL forms designer	d C	✓	✓	✓
<b>Enhanced!</b> VCL.NET forms designer	D	✓	✓	✓
.NET Windows Forms designer	D #	✓	✓	✓
<b>Enhanced!</b> ASP.NET Web Forms and HTML designer	D #	✓	✓	✓
Together® powered Unified Modeling Language™ (UML®) designer	D #	✓	✓	✓

### LANGUAGE FEATURES

“for in” loop iteration	d D	✓	✓	✓
<b>Enhanced!</b> Function in-lining for increased application performance	d D	✓	✓	✓
Delphi multi-unit namespaces	D	✓	✓	✓
Virtual Library Interfaces simplify using unmanaged DLLs in .NET	D	✓	✓	✓
Unicode® strings	d D #	✓	✓	✓
<b>New for Delphi Win32!</b> Operator overloading	D #	✓	✓	✓
<b>New for Delphi Win32!</b> Class variables/class static data	D #	✓	✓	✓
Automatic garbage collection	D #	✓	✓	✓
Nested types	d D #	✓	✓	✓
<b>New for Delphi Win32!</b> Records with methods (value types)	D #	✓	✓	✓
C-style DLL export for directly linking into unmanaged applications without COM	D	✓	✓	✓
Expression evaluation in compiler directives	d D	✓	✓	✓
Type-safe and hardware-independent	D #	✓	✓	✓
Import symbols directly from .NET assemblies; no header file translations or external declarations necessary	D #	✓	✓	✓

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Create reusable native 32-bit dynamically linked libraries (.DLL), COM controls (.OCX), and standalone executables	d	✓	✓	✓
Custom variants with support of your own data types, complex numbers, safe arrays, and passing variants through data sets	d	✓	✓	✓
Expanded variant support for Int64 and the unsigned types	d	✓	✓	✓

### PROJECT SUPPORT

Delphi 1 through 2005 VCL project import into Borland Developer Studio VCL or VCL.NET Projects	d	✓	✓	✓
Delphi 8 through Delphi 2005 VCL.NET project support	D	✓	✓	✓
Borland® C#Builder® project support	#	✓	✓	✓
Microsoft Visual Studio® .NET/Visual C# project import and export	#	✓	✓	✓
Microsoft Visual Basic® .NET project import/export, plus edit, compile, and debug	D	✓	✓	✓
User-customizable Visual Studio.NET project importer and exporter templates	#	✓	✓	✓
<b>New!</b> C++Builder 5 and 6 project importing	C	✓	✓	✓
<b>New!</b> Build Configurations provide flexibility to organize multiple build settings for all compiler and linker options	C	✓	✓	✓
<b>New!</b> Build Events for pre-build, post-build and post-link on project and file levels	C	✓	✓	✓
<b>New!</b> Include file browser	C	✓	✓	✓
<b>New for C/C++!</b> Project dependency checking	d C D #	✓	✓	✓
<b>New!</b> Add Folder view	C	✓	✓	✓
IDE affinity indicator.	d C D #	✓	✓	✓
Project level build ordering	d C D #	✓	✓	✓
File level build ordering	C	✓	✓	✓
Compile or build current project and all later projects	d C D #	✓	✓	✓

### PERSONAL DEVELOPER PRODUCTIVITY

<b>New!</b> Editor “Change Bar” indicates modified lines and saved session modified lines	d C D #	✓	✓	✓
<b>New!</b> Live Templates System – tab through fields and insert points of any template	d C D #	✓	✓	✓
<b>New!</b> Unified Template and Code Snippets system	d C D #	✓	✓	✓
<b>New!</b> Code Template	d C D #	✓	✓	✓

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<b>New!</b> Surround Templates – wrap “surroundable” templates around selected code or text	d C D #	✓	✓	✓
<b>New!</b> Code Templates available in code completion	d C D #	✓	✓	✓
<b>New!</b> Scriptable Templates – customize the behavior, code generation, and user experience of your templates	d C D #	✓	✓	✓
<b>New!</b> “Smart” Block completion – anticipates and gracefully adds block closures as you type	d C D #	✓	✓	✓
<b>New!</b> Code navigation – quickly “hop” from method to method within your code	d C D #	✓	✓	✓
<b>New!</b> Virtual form positioner for VCL designers in “docked” mode	d C D #	✓	✓	✓
<b>New!</b> Search and browse class declarations	d D #			
<b>New for C/C++!</b> Hot-key Searchable Tool Palette — find any component quickly	d C D #	✓	✓	✓
<b>New for C/C++!</b> Gallery Palette — Gallery Wizards in the tool palette when you need them	d C D #	✓	✓	✓
<b>New for C/C++!</b> Multi-Target Project Manager supports all language projects, even within the same Project Group	d C D #	✓	✓	✓
<b>New for C/C++!</b> SyncEdit — block-edit multiple instances of a symbol simultaneously	d C D #	✓	✓	✓
<b>New for C/C++!</b> Automatic multi-level local file backups	d C D #	✓	✓	✓
<b>New for C/C++!</b> History Manager with file differencing and restore	d C D #	✓	✓	✓
<b>New for C/C++!</b> IDE Welcome Page — with fast access to recent projects, Borland Developer Studio and Borland Developer Network RSS news feeds, documentation, demos, examples, helpful links, updates, Weblogs, and more	d C D #	✓	✓	✓
<b>New for C/C++!</b> Integrated QualityCentral — submit bug reports and feature requests to Borland	d C D #	✓	✓	✓
<b>New for C/C++!</b> Class navigation shortcuts	d C D	✓	✓	✓
<b>New for C/C++!</b> Structure Pane for source code	d C D #	✓	✓	✓
<b>New for C/C++!</b> Syntax Highlighting Open Tools API extension with built in support for JavaScript, PHP, and INI files	d C D #	✓	✓	✓
<b>New for C/C++!</b> Ability to individually customize editor options for particular file types	d C D #	✓	✓	✓
<b>New for C/C++ and Enhanced!</b> Open Tools API for code completion and symbol table queries	d C D #	✓	✓	✓
<b>Enhanced!</b> Symbol Insight — click to navigate to declarations and implementations	d C D #	✓	✓	✓
<b>Enhanced!</b> Code Insight—Faster performance and improved code and parameter completion provide on-the-fly member lists and parameter hints as you type	d C D #	✓	✓	✓
<b>Enhanced!</b> Code Insight – Code completion for DTD described markup language including HTML, WML, XHTML, and XSL	d C D #	✓	✓	✓

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<b>Enhanced!</b> Editor Gutter – easier to read with less clutter	d C D #	✓	✓	✓
<b>Enhanced!</b> Code Completion for Delphi, C/C++, C#, HTML, WML, XHTML, XSL, and now CSS!	d C D #	✓	✓	✓
<b>Enhanced!</b> VCL Object Treeview for quick navigation and manipulation of object in the VCL/VCL.NET designers	d C D	✓	✓	✓
<b>Enhanced!</b> Class completion	d D	✓	✓	✓
<b>Enhanced!</b> Custom IDE desktop layout profiles with enhanced support for docked windows	d C D #	✓	✓	✓
<b>Enhanced!</b> Import Type Library	d C	✓	✓	✓
<b>Enhanced for C/C++!</b> New Component wizard	d C D #	✓	✓	✓
Together® Code Visualization —UML model view of your source code	d D #	✓	✓	✓
Code templates — code repository makes on-the-fly code reuse fast and simple	d C D #	✓	✓	✓
To-do lists keep your development on track	d C D #	✓	✓	✓
Help Insight — convenient tooltips provide help snippets as you develop	d D #	✓	✓	✓
<b>REFACTORINGS</b>				
<b>New!</b> Introduce Variable refactoring	d D #	✓	✓	✓
<b>New!</b> Introduce Field refactoring	d D #	✓	✓	✓
<b>New!</b> Inline Variable refactoring	d D #	✓	✓	✓
<b>New!</b> Change Parameters refactoring	d D #	✓	✓	✓
<b>New!</b> Safe Delete refactoring	d D #	✓	✓	✓
<b>New!</b> Push Members Up / Down refactoring	d D #	✓	✓	✓
<b>New!</b> Pull Members Up refactoring	d D #	✓	✓	✓
<b>New!</b> Extract Superclass refactoring	d D #	✓	✓	✓
<b>New!</b> Extract Interface refactoring	d D #	✓	✓	✓
<b>New!</b> Move Members refactoring	d D #	✓	✓	✓
<b>New for C/C++!</b> Rename refactoring	d C D #	✓	✓	✓
Declare variable refactoring	d D	✓	✓	✓
Declare field refactoring	d D	✓	✓	✓
Extract method refactoring	d D	✓	✓	✓
Extract to resource string refactoring	d D	✓	✓	✓

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Find unit/import namespace refactoring	d D #	✓	✓	✓
Refactor driven "Find in Files"	d D #	✓	✓	✓

### BORLAND® ECO™ III RAPID MODEL-DRIVEN DEVELOPMENT

<b>New!</b> State Machine framework powered by State Chart Diagrams	D #	✓		
<b>New!</b> State Chart designer for visual design of state, transitions, adding guards, triggers and effects	D #	✓		
<b>New!</b> Visual Schema editor for detailed OR mapping control	D #	✓		
<b>New!</b> Multiple database support, connect to multiple and mixed database servers in a single ECO Space	D #	✓		
<b>Enhanced!</b> Database reverse engineering / wrapping existing database	D #	✓		
ECO Space synchronization for scalable applications with multiple users and/or servers	D #	✓		
<b>New!</b> Domain Patterns for high level reuse of application design	D #	✓	✓	
<b>New!</b> ASP.NET Autoform support	D #	✓	✓	
<b>New for Enterprise!</b> ECO object-relational persistence mapper for seamless model-powered mapping of cached objects to any Borland® Data Provider (BDP) for ADO.NET and SQL server database	D #	✓	✓	
<b>New for Enterprise!</b> Persistence to any Borland Data Provider (BDP) for ADO.NET and SQL server database	D #	✓	✓	
Automatic database schema generation from UML class diagrams	D #	✓	✓	
Automatic database schema evolution while preserving production data	D #	✓	✓	
ECO support for ASP.NET Web Forms and Web Services development	D #	✓	✓	
ECO dbWeb support for RAD model-driven Web Forms development	D #	✓	✓	
Object transactions ensure integrity	D #	✓	✓	
Object versioning -- temporal database support	D #	✓	✓	
<b>New!</b> ECO Action Language for model-level, language independent implementation of operations and triggers	D #	✓	✓	✓
<b>New!</b> ECO Action Language editor	D #	✓	✓	✓
<b>New!</b> Overloaded OCL operations supported	D #	✓	✓	✓
<b>New!</b> Customizable language independent data type mapping	D #	✓	✓	✓
<b>New for Enterprise and Pro!</b> XML persistence	D #	✓	✓	✓
<b>Enhanced!</b> Autoform support including state handling and invoking operations	D #	✓	✓	✓

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<b>Enhanced!</b> ListActions for buttons and menu items using OCL expression to control 'Enabled' and 'Visible'	D #	✓	✓	✓
<b>Enhanced!</b> UML designer	D #	✓	✓	✓
<b>Enhanced!</b> Code generation in background or manually invoked	D #	✓	✓	✓
<b>Enhanced!</b> OCL expression editor accessible from UML designer	D #	✓	✓	✓
<b>Enhanced!</b> OCL expression error detection	D #	✓	✓	✓
<b>Enhanced!</b> OCL OrderBy now supports multiple sort keys	D #	✓	✓	✓
Automatic object-level capabilities include caching and querying	D #	✓	✓	✓
Object undo/redo capabilities	D #	✓	✓	✓
Domain programming on “standard” .NET CLR classes	D #	✓	✓	✓
Object-aware Windows Forms and Web Forms UI development through standard .NET data binding	D #	✓	✓	✓
Runtime OCL querying and evaluation	D #	✓	✓	✓
True WYMIWYG (what you model is what you get) -- develop at a higher level, keeping application design and code synchronized	D #	✓	✓	✓
Unified Modeling Language (UML) technology: extensive support for class diagrams, tagged values, associations (aggregates, compositions), multiplicity, visibility, and mixed transient/persistent elements and classes	D #	✓	✓	✓

### TOGETHER® MODELING

<b>New!</b> Import model from Rational® Rose (mdl import)	d D #	✓		
<b>New!</b> Language-neutral UML 1.5 modeling	d D #	✓		
<b>New!</b> Language-neutral UML 2.0 modeling	d D #	✓		
<b>New!</b> Sequence diagrams	d D #	✓	✓	
<b>New!</b> Collaboration diagrams	d D #	✓	✓	
<b>New!</b> State Charts	d D #	✓	✓	
<b>New!</b> Deployment diagrams	d D #	✓	✓	
<b>New!</b> Use Case diagrams	d D #	✓	✓	
<b>New!</b> Activity diagrams	d D #	✓	✓	
<b>New!</b> Component diagrams	d D #	✓	✓	
<b>New!</b> Design Patterns support	d D #	✓	✓	

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<b>New!</b> XMI 1.1 Import/Export	d D #	✓	✓	
<b>New!</b> Documentation generation	d D #	✓	✓	
<b>New!</b> Audits and metrics.	d D #	✓	✓	
<b>New!</b> Full two-way live source class diagrams	d D #	✓	✓	✓
<b>New!</b> Diagram printing	d D #	✓	✓	✓

## TEAM PRODUCTIVITY, SOURCE CODE MANAGEMENT, AND REQUIREMENTS MANAGEMENT

<b>New!</b> Borland® StarTeam® 2005, Release 2 Standard edition license	d C D #	✓	✓	
<b>New!</b> Complete native Borland® CaliberRM™ Experience IDE integration	d C D #	✓	✓	✓
<b>New!</b> Borland Search Server integration	d C D #	✓	✓	✓
<b>New!</b> Store shortcuts to items and folders	d C D #	✓	✓	✓
<b>New for C/C++!</b> Complete native StarTeam IDE integration*	d C D #	✓	✓	✓
<b>New for C/C++!</b> Integrated StarTeam Property Editors for each Item Type*	d C D #	✓	✓	✓
<b>New for C/C++!</b> Find Files in StarTeam repository*	d C D #	✓	✓	✓
<b>New for C/C++!</b> StarTeam Update Project or Group in one operation*	d C D #	✓	✓	✓
<b>New for C/C++!</b> Commit Project automatically checks new, and modified, files into StarTeam*	d C D #	✓	✓	✓

## DEBUGGING

Full-featured Win32 and .NET debuggers with color syntax highlighting	d C D #	✓	✓	✓
<b>New!</b> Expandable tooltip expression evaluation	d C D #	✓	✓	✓
<b>New!</b> Expandable watches	d C D #	✓	✓	✓
<b>New!</b> Expandable local variables view	d C D #	✓	✓	✓
<b>New!</b> Selective symbol table loading	d C D #	✓	✓	✓
<b>New!</b> Close implicitly opened files after debugging	d C D #	✓	✓	✓
<b>New!</b> Multi-select and copy to clipboard support in CPU view	d C D #	✓	✓	✓
<b>New!</b> Ctrl-Click in editor gutter to enable/disable breakpoints	d C D #	✓	✓	✓
<b>New!</b> Sort by load order in Modules view	d C D #	✓	✓	✓
<b>New!</b> App Domain load/unload events shown in event log	D #	✓	✓	✓



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<b>New!</b> Set Next Statement local menu item in editor	d C	✓	✓	✓
<b>New for C/C++!</b> Exception notification dialog: Break/Continue buttons, "Ignore exception type" checkbox, and .NET exceptions now display the exception message	d C D #	✓	✓	✓
<b>New for C/C++!</b> Modules View sorting	d C D #	✓	✓	✓
<b>New for C/C++!</b> FPU view with support for MMX and SSE, SSE2, and SSE3 support	d C	✓	✓	✓
<b>Enhanced!</b> Remote debugging	d C D #	✓	✓	
<b>Enhanced!</b> CodeGuard™ debugger support - C/C++ only	C	✓	✓	✓
<b>Enhanced for C/C++!</b> Thread view displays status on all processes and threads under debugger control	d C D #	✓	✓	✓
<b>Enhanced for C/C++!</b> CPU view for low-level debugging	d C D #	✓	✓	✓
<b>Enhanced for C/C++!</b> Evaluator	d C D #	✓	✓	✓
<b>Enhanced for C/C++!</b> Watch view supporting inplace editing, checkbox enable/disabling, and the watch names separated from the values with columns	d C D #	✓	✓	✓
Multi-tab watch view for logically grouping variables	d C D #	✓	✓	✓
Multimode debugging for combined .NET and Win32® projects	d D #	✓	✓	✓
Debug managed .NET assemblies hosted in native Win32 applications	d D #	✓	✓	✓
.NET AppDomain support in Modules View	D #	✓	✓	✓
ASP.NET debugging	D #	✓	✓	✓
Breakpoint view with toolbar, in-place editing, and enable/disable checkbox	d C D #	✓	✓	✓
Multi-process debugging for easy tracing through complex applications	d C D #	✓	✓	✓
Attach to and debug any process	d C D #	✓	✓	✓
Detach from any process	d C D #	✓	✓	✓
Run until return	d C D #	✓	✓	✓
Advanced breakpoints with Tooltips, actions, and groups for complete debugging control	d C D #	✓	✓	✓
Breakpoint Data Aware Triggers	d C	✓	✓	✓
Debug spawned processes	d C	✓	✓	✓
Debug Inspector for easily monitoring properties while debugging	d C D #	✓	✓	✓
Event log view	d C D #	✓	✓	✓

\* Note: Using integrated StarTeam features requires a StarTeam Standard, Enterprise, or Enterprise Advantage license. StarTeam Standard is included in the Delphi 2006 Enterprise and Architect editions. Additional licenses or upgrades can be purchased from your Borland sales representative.

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### INTEGRATED UNIT TESTING

Integrated unit testing with both DUnit and NUnit testing frameworks	d D #	✓	✓	✓
Unit test wizards for quick and easy unit test and unit test project creation	d D #	✓	✓	✓
Integrated project and project manager support for unit tests	d D #	✓	✓	✓
Unit test code generation with full code to invoke each method	d D #	✓	✓	✓
Update existing unit test cases with new test methods	d D #	✓	✓	✓
Execute unit tests from project manager	d D #	✓	✓	✓
Wise Owl™ Demeanor for .NET code obfuscator for intellectual property protection for .NET-managed code assemblies and programs	D #	✓	✓	✓

### DATABASE DEVELOPMENT AND CONNECTIVITY: VCL/VCL.NET

<b>Royalty Free!</b> MIDAS/DataSnap™ multi-tier deployment license	d C D	✓	✓	
<b>Updated!</b> Borland® dbExpress™ server connectivity to Borland® InterBase® v7.5 and 7.5.1	d C D	✓	✓	
<b>Updated!</b> dbExpress server connectivity to Oracle® 10g	d C D	✓	✓	
<b>Updated!</b> dbExpress server connectivity to Microsoft SQL Server™ 2000 and 2005	d C D	✓	✓	
<b>Updated!</b> dbExpress server connectivity to Informix® 9x	d C D	✓	✓	
<b>Updated!</b> dbExpress server connectivity to IBM DB2® 8.x	d C D	✓	✓	
<b>Updated!</b> dbExpress server connectivity to MySQL® 4.0.24	d C D	✓	✓	
<b>Updated!</b> dbExpress server connectivity to SQL Anywhere® 9	d C D	✓	✓	
<b>Updated!</b> dbExpress server connectivity to Sybase® 12.5	d C D	✓	✓	
<b>New!</b> dbExpress MSSQL driver Unicode enabled	d C D	✓	✓	
<b>New!</b> Oracle decimal separator	d C D	✓	✓	
<b>New!</b> Unicode enabled for DB VCL.NET	d C D	✓	✓	
<b>New!</b> TSQLQuery supporting OUT and INOUT parameters	d C D	✓	✓	
<b>New!</b> ConnectingString property for passing connection parameters	d C D	✓	✓	
<b>Enhanced!</b> dbExpress MSSQL driver updated to provide return values from stored procedures	d C D	✓	✓	
<b>New for C/C++!</b> TClientDataSet actions	d C D	✓	✓	✓

## Borland® Developer Studio 2006 Feature Matrix

	LANGUAGE	Architect	Enterprise	Professional
	d-Delphi for Win32 D-Delphi for .NET #-C# for .NET C-C/C++ for Win32			
<b>Updated!</b> dbExpress local data connectivity to InterBase v7.5 and v7.5.1	d C D	✓	✓	✓
<b>Updated!</b> dbExpress local data connectivity to MySQL 4.0.24	d C D	✓	✓	✓
Borland dbGO™ for ADO connectivity for Win32 (MDAC 2.8)	d C	✓	✓	✓
Borland dbGO™ for ADO connectivity for .NET! (MDAC 2.8)	D #	✓	✓	✓
BDE support for dBASE® and Paradox® on VCL and VCL .NET	d D	✓	✓	✓
InterBase Express components for VCL and VCL.NET	d D	✓	✓	✓

### DATABASE DEVELOPMENT AND CONNECTIVITY: ADO.NET

RAD ADO.NET remoting with any ADO.NET providers	D #	✓	✓	
DataHub and DataSync ADO.NET multiprovider resolving with any ADO.NET providers	D #	✓	✓	
BDP ADO.NET server connectivity to InterBase v7.5 and v7.5.1	D #	✓	✓	
BDP ADO.NET server connectivity to Microsoft SQL Server 2000, 2005, and MSDE® 2000	D #	✓	✓	
BDP ADO.NET server connectivity to Oracle 10g	D #	✓	✓	
BDP ADO.NET server connectivity to IBM DB2 8.x	D #	✓	✓	
BDP ADO.NET server connectivity to Sybase 12.5	D #	✓	✓	
<b>New!</b> Connection Pooling	D #	✓	✓	✓
<b>New!</b> BDP SQL Tracing	D #	✓	✓	✓
<b>New!</b> BdpDataAdapter.AutoUpdate() Error reconcile	D#	✓	✓	✓
<b>New!</b> DataHub.ApplyChanges() Error reconcile	D#	✓	✓	✓
<b>New!</b> DataMigration – customizable SQL type mapping	D#	✓	✓	✓
<b>New!</b> ISQLSchemaCreate QuoteObjects support for CREATE/ALTER/DROP	D#	✓	✓	✓
<b>New!</b> ISQLExtendedMetaData – related objects and ForeignKey for Oracle, InterBase, Microsoft SQL Server, and Sybase	D#	✓	✓	✓
<b>New!</b> MySQL 4.0.24 BDP provider	D #	✓	✓	✓
Design-time stored procedure testing for all BDP supported databases	D #	✓	✓	✓
Schema design: Create/alter/drop tables in any BDP supported database	D #	✓	✓	✓
BDP ADO.NET local data connectivity to InterBase v7.5	D #	✓	✓	✓

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BDP ADO.NET local data connectivity to MSDE 2000	D #	✓	✓	✓
BDP ADO.NET local data connectivity to Microsoft Access	D #	✓	✓	✓

### DATABASE EXPLORER

<b>New!</b> dbExpress support	D C D #	✓	✓	✓
<b>New!</b> Drag and Drop from the dbExpress node into VCL or VCL.NET Forms	D C D #	✓	✓	✓
<b>New!</b> Multiple SQL windows	D C D #	✓	✓	✓
Browse database objects using BDP	D #	✓	✓	✓
Data migration between any BDP supported databases	D #	✓	✓	✓
Drag-and-drop database objects from BDP nodes into WinForms or WebForms	D #	✓	✓	✓

### INCLUDED DATABASES

<b>New!</b> InterBase 7.5.1 Developer Edition—up to 20 users and 80 logical local connections	d C D #	✓	✓	✓
Multiple Instance support allows multiple versions of InterBase to run on the same machine simultaneously	d C D #	✓	✓	✓
InterBase Enhanced SQL support language construct support for CASE, COALESCE, and NULLIF	d C D #	✓	✓	✓
InterBase Global Temporary Tables transparently manage all namespaces, making development more easily managed once the temporary table is declared to the database schema	d C D #	✓	✓	✓
InterBase embedded database user authentication for unique user account management for multiple embedded InterBase applications	d C D #	✓	✓	✓
InterBase SMP scalability using advanced technologies such as spinlocks and thread-private latch caches for optimized processor utilization and increased throughput	d C D #	✓	✓	✓
InterBase IBConsole™ with new streamlined GUI, performance, and stored procedure monitoring and trigger cache management	d C D #	✓	✓	✓
Microsoft SQL Server Desktop Engine 2000 (MSDE 2000)	D C #	✓	✓	✓
Borland Database Engine for dBASE and Paradox	d C D	✓	✓	✓

### REPORTING SOLUTIONS

<b>Updated!</b> Nevrona Rave Reports® Borland Edition for Win32 VCL	d C	✓	✓	✓
<b>Updated!</b> Rave Reports Borland Edition for VCL .NET	D	✓	✓	✓

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LANGUAGE Architect Enterprise Professional  
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### ADDITIONAL COMPONENTS AND TOOLS

	LANGUAGE	Architect	Enterprise	Professional
<b>Updated!</b> ComponentOne® Studio Enterprise for Borland Developer Studio	D #	✓	✓	✓
<b>Updated!</b> glyFX Icon Library – Borland Edition	d C D #	✓	✓	✓
Wise Owl Demeanor for .NET code obfuscator for intellectual property protection for all .NET-managed code assemblies and programs	D #	✓	✓	✓
InstallShield® Express, Borland Limited Edition	d C D #	✓	✓	✓

### XML/SOAP WEB SERVICES DEVELOPMENT

Visually build model/data-driven SOAP Web Services with the new ECO II .NET Web Services support	D #	✓		
BizSnap™ XML Transformation Tools and Components to easily build data exchanges between different XML formats and between XML and datasets	d	✓	✓	
BizSnap Native Delphi XML Bindings to simplify XML programming — access XML documents as Delphi objects	d	✓	✓	
Easily create Win32 and .NET XML/SOAP Web Services	d D #	✓	✓	✓
UDDI Web Services import to add SOAP/XML into your applications	d D #	✓	✓	✓
<b>BIZSNAP™</b>				
UDDI browser	d C	✓	✓	✓
Automatic UDDI client failover	d C	✓	✓	✓
Global XML Architecture (GXA) for Web Services	d C	✓	✓	✓
Binary attachments	d C	✓	✓	✓
For C++ Professional – build server-side XML Web Services	d C	✓	✓	✓
For C++ Professional – build client-side XML Web Services	d C	✓	✓	✓
<b>WEBSNAP™</b>				
Server-side scriptable Web page components to easily interface WebSnap™ objects with Web site developer teams and scripters	d C	✓	✓	
Server-side scripting in WebSnap with JavaScript™ and VBScript	d C	✓	✓	

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### REMOTING AND APPLICATION CONNECTIVITY

RAD ADO.NET multi-tier data remoting	D #	✓	✓	
<b>New for C/C++!</b> Import .NET assemblies as COM objects in Win32 VCL applications	d C	✓	✓	✓
SOAP Web Services development for Win32 and .NET	d D #	✓	✓	✓
DCOM support	d C D #	✓	✓	✓
.NET remoting	D #	✓	✓	✓
DataSnap/MIDAS multi-tier database application framework	d C	✓	✓	✓
COM+ Object Wizard to easily create COM+ objects and servers	d C	✓	✓	✓
COM+ Object Subscription Wizard to easily consume COM+ events	d C	✓	✓	✓
Advanced Type Library Editor with complete support for Microsoft IDL editing	d C	✓	✓	✓
Support for Automation Object event handling	d C	✓	✓	✓
COM Object Wizard	d C	✓	✓	✓
Microsoft ActiveX® Control Data binding	d C	✓	✓	✓
Support for sparse vtables to support VB servers	d C	✓	✓	✓
Import COM servers as components to develop visually	d C	✓	✓	✓

### CORBA® CONNECTIVITY

<b>Updated!</b> Borland® VisiBroker® 6.5 support	C	✓	✓	
<b>New!</b> Included Borland Enterprise Server 6.5, VisiBroker Edition software and development license	C	✓	✓	
<b>Enhanced!</b> Faster build time through independent IDL file compilation	C	✓	✓	
Sample project implementation	C	✓	✓	

### WEB/INTERNET DEVELOPMENT: VCL/VCL.NET

<b>New for C/C++!</b> Atozed Software IntraWeb® 8.0 complete WYSIWYG RAD Web application development	d C D	✓	✓	
<b>New for C/C++!</b> Deployment Manager for IntraWeb 8.0 application deployment	d C D	✓	✓	
<b>New for C/C++!</b> IntraWeb 8.0 WYSIWYG RAD Web page development	d C D	✓	✓	✓

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Delphi WebBroker™ Microsoft Internet Information Server (IIS) CGI and ISAPI Web application framework, wizards, components, and classes	d D	✓	✓	✓
Indy v10 components with more than 120 Internet protocols and Internet standards including TCP, UDP, ICMP, SMTP, POP3, IMAP4, HTTP, NNTP, FTP, IPv6, and much more	d D #	✓	✓	✓

### WEB DEVELOPMENT: ASP.NET

Deployment Manager for ASP.NET application deployment	D #	✓	✓	
dbWeb RAD ADO.NET data-driven Web Form controls	D #	✓	✓	
dbWeb data-driven Aggregate Web Form controls	D #	✓	✓	
dbWeb data-driven Audio Web Form controls	D #	✓	✓	
dbWeb data-driven Video Web Form controls	D #	✓	✓	
dbWeb server-side per-user XML data caching	D #	✓	✓	
<b>New!</b> HTML/ASP.NET source preservation	D #	✓	✓	✓
<b>New!</b> Includes pre-built Microsoft® Cassini debugging Web server	D #	✓	✓	✓
<b>New!</b> ASHX HTTP Handler wizard	D #	✓	✓	✓
<b>New!</b> View page in browser – configurable to your browser of choice	D #	✓	✓	✓
<b>New!</b> HTML/ASP ErrorInsight™ including Tag Editor support	D #	✓	✓	✓
<b>Enhanced!</b> Integrated connectivity to the Cassini Web Server for hosting ASP.NET from your application	D #	✓	✓	✓
<b>Enhanced!</b> HTML/ASP.NET Tag Editor.	D #	✓	✓	✓
<b>Enhanced!</b> Deployment Manager support for external files and assembly references	D #	✓	✓	✓
<b>Enhanced!</b> IDE and deployment support for Cassini	D #	✓	✓	✓
Customize Cassini to create a more robust Web Server based on your requirements with included Cassini sample source code	D #	✓	✓	✓
Tag Editor provides easy access to editing specific parts of an HTML or ASPX page	D #	✓	✓	✓
Tag Editor includes full Code Insight™ support	D #	✓	✓	✓
HTML/ASP Structure View	D #	✓	✓	✓
In-place Template Editing	D #	✓	✓	✓
Cascading Style Sheets (CSS) Syntax Highlighting	D #	✓	✓	✓

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	d-Delphi for Win32 D-Delphi for .NET #-C# for .NET C-C/C++ for Win32			
Cascading Style Sheets (CSS) Code Completion	D #	✓	✓	✓
Select All controls	D #	✓	✓	✓
Rubber-band selection of controls within the designer (shift drag)	D #	✓	✓	✓
HTML file-error handling	D #	✓	✓	✓
HTML Formatter	D #	✓	✓	✓
WYSIWYG HTML/Web Forms designer — powerful and easy to rapidly build rich ASP.NET Web applications	D #	✓	✓	✓
Advanced enterprise development tools include code behind, remote debugging, ASP.NET, and HTML code completion	D #	✓	✓	✓
ASP.NET server controls enable an HTML-like style of declarative programming that builds pages with far less code than with classic ASP	D #	✓	✓	✓
ASP.NET pages work in all browsers—including Netscape®, Opera®, AOL®, and Microsoft Internet Explorer®	D #	✓	✓	✓
Unique Web Forms designer supports simultaneous viewing and editing of Web Forms and word-processing-style HTML editing	D #	✓	✓	✓
Borland Object Inspector™ for HTML/ASPX Code Editor and Web Forms Designer	D #	✓	✓	✓
Visually design ASP.NET Web Forms using common drag-and-drop or double-click techniques	D #	✓	✓	✓
Integrated debugging support ASP.NET Web applications	D #	✓	✓	✓
Integrated support for the W3C® HTML Tidy formatting engine, which helps improve the readability and correctness of HTML	D #	✓	✓	✓
IIS-independent design — build ASP applications without IIS installed on the developer machine	D #	✓	✓	✓
ASP.NET user control development using the visual designer	D #	✓	✓	✓
Output caching increases the performance and scalability of your application	D #	✓	✓	✓
Session state management lets you share session data and user-specific state values across machines in your Web environment	D #	✓	✓	✓
Automatically detects and recovers from errors such as deadlocks and memory leaks to ensure that your application is always available to your users	D #	✓	✓	✓
Simplify installation of your application by easily copying it to the server; configuration settings are stored in an XML file within the application	D #	✓	✓	✓
Update compiled components without restarting the Web server	D #	✓	✓	✓



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### VISUAL COMPONENT LIBRARY FOR WIN32 AND .NET (VCL/VCL.NET)

	LANGUAGE	Architect	Enterprise	Professional
<b>New!</b> Live Designer Guidelines with “smart” drag and snap-to lines	d C D	✓	✓	✓
<b>New!</b> Margin and Padding properties for all VCL controls	d C D	✓	✓	✓
<b>New!</b> Text baseline alignment	d C D	✓	✓	✓
<b>New!</b> Extensible user registerable guidelines	d C D	✓	✓	✓
<b>New!</b> VCL Flow Panel – HTML style form layouts with Autopositioning	d C D	✓	✓	✓
<b>New!</b> VCL Grid Panel – table style form layouts with Autopositioning and Autosizing	d C D	✓	✓	✓
<b>New!</b> VCL System Tray Component – easily create Windows Tray applications	d C D	✓	✓	✓
<b>New!</b> Intellimouse® “pan and scroll” support for VCL controls	d C D	✓	✓	✓
<b>Enhanced!</b> TToolBar and TControlbar– updated look and feel	d C D	✓	✓	✓
<b>Enhanced!</b> Embedded Type Library Editor with message view error reporting	d C D	✓	✓	✓
<b>New for C/C++!</b> Windows XP™ themes	d C	✓	✓	✓
<b>New for C/C++!</b> Windows XP™ theme support for Action Manager	d C	✓	✓	✓
<b>New for C/C++!</b> TDockTabSet tabbed docking component with autohide	d C D	✓	✓	✓
<b>New for C/C++!</b> TCategoryButtons — collapsible button categories just like those in the new Tool palette	d C D	✓	✓	✓
<b>New for C/C++!</b> TButtonGroup for combining buttons into a group	d C D	✓	✓	✓
<b>New for C/C++!</b> TPopUpActionBar — pop-up version of TActionMainMenuBar	d C D	✓	✓	✓
<b>New for C/C++!</b> TOpenTextFileDialog and TSaveTextFileDialog with user-selectable text encoding method	d C D	✓	✓	✓
TListConnector — .NET TDataSet decendent that can consume data from .NET objects that implement IList, IBindingList	D	✓	✓	✓
VCL for the .NET Framework — managed visual components for rapid application development	D	✓	✓	✓
Standard, Data Controls, Dialogs, Internet Direct (Indy), Additional, Win32, System, Win 3.1, Data Access, and BDE component categories	d C D	✓	✓	✓
Visual Form Inheritance and Form linking to reduce coding and simplify maintenance	d C D	✓	✓	✓
Object-oriented, fully extensible and reusable component and application architecture	d C D	✓	✓	✓
Object Repository for storing and reusing forms, Data Modules, and experts	d C D	✓	✓	✓

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	LANGUAGE	Architect	Enterprise	Professional
	d-Delphi for Win32 D-Delphi for .NET #-C# for .NET C-C/C++ for Win32			
Code Explorer for updated class reference for your application's unit files	d C D	✓	✓	✓
TDateTime extensions accelerate your date and time calculations	d C D	✓	✓	✓
SubComponent classes combine commonly mixed components for greater utility and speed the creation of user interfaces	d C D	✓	✓	✓
Conversion Unit simplifies measurement conversion	d C D	✓	✓	✓
Visual component creation	d C D	✓	✓	✓
Modern UI features: Docking, IntelliMouse support, minimum and maximum component sizing constraints, and border anchors in visual components	d C D	✓	✓	✓
Action List for managing and directing commonly used code in an application	d C D	✓	✓	✓
Windows Server 2003, Windows XP, and Windows 2000 support for Multi-Monitor, MonthCalendar, PageScroller, and Flat Scrollbars	d C D	✓	✓	✓
Support for Advanced Custom Draw functions for increased control over the Windows API	d C D	✓	✓	✓
Action MainMenu and Action ToolBar components for sophisticated and centrally controlled user interface design with dynamic Action Manager-driven UI surfaces	d C D	✓	✓	✓
Action Manager provides central management of your actions and self-configuring dynamic user interfaces, taking the tedium out of UI design	d C D	✓	✓	✓
ActionBands™ Customization Manager gives end users total control over ActionBands UI configurations at runtime	d C D	✓	✓	✓
ControlBar for creating floating toolbars in GUI applications	d C D	✓	✓	✓
Frames for building and reusing compound components	d C D	✓	✓	✓

### MICROSOFT® .NET FRAMEWORK V1.1

Foundation Class Library (FCL) v1.1 — more than 4500 classes that encapsulate rich functionality such as XML, data access, file upload, regular expressions, image generation, performance monitoring and logging, transactions, message queuing, SMTP mail, and much more	D #	✓	✓	✓
Common Language Runtime (CLR) v1.1 — improve application reliability, security, deployment, and performance, and run applications on high-volume, low-cost hardware	D #	✓	✓	✓
XML SOAP Web Services — built on XML and incorporates the latest Web Services standards to facilitate cross-platform integration	D #	✓	✓	✓
.NET Framework remoting simplifies working with distributed .NET objects	D #	✓	✓	✓
Unified programming model—leverage the same skills and technologies for both Web (ASP.NET) and desktop Windows-based applications (Windows Forms), including XML Web Services as well as Web and smart-client applications for devices, PCs, and servers	D #	✓	✓	✓

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Common Language Infrastructure (CLI)—seamless language interoperability between code written in Delphi, C#, Visual Basic .NET, and other CLI-compliant languages	D #	✓	✓	✓
.NET Designer Integration—.. Delphi is built to take advantage of the .NET Framework	D #	✓	✓	✓
Component based design — similar to the VCL, the .NET Framework uses a component-driven, plumbing-free design that requires less code and encourages reuse	D #	✓	✓	✓
Direct CLR class access; no need to translate header files	D #	✓	✓	✓
Employ Windows Application Services with Windows Server 2003, Windows 2000 Server, and COM+	D #	✓	✓	✓
Microsoft XCopy deployment — easy deployment leveraging the .NET Framework metadata technology	D #	✓	✓	✓
Side-by-side execution for strong-binding to help eliminate potential versioning conflicts	D #	✓	✓	✓
No-Touch Deployment – smart-client applications can be deployed to client desktops through remote Web servers in the same manner as Web applications	D #	✓	✓	✓
Managed Code Execution — with memory, threads, and processes managed by the .NET Framework, memory leaks, overwrites, and buffer overflows are eliminated	D #	✓	✓	✓
Role-based security provides a unified model for authorization and authentication of principals based on identity and roles	D #	✓	✓	✓
ASP.NET Web Security supports HTTP authentication for Basic, Digest, NTLM, Kerberos, and SSL/TLS client certificates as well as Microsoft Passport authentication and forms-based (cookie) authentication	D #	✓	✓	✓
Evidence-based security applies and enforces different levels of trust to all running code	D #	✓	✓	✓