



Borland® Delphi™ 6 features

	Enterprise	Professional	Personal
BizSnap™—Web Services with XML technologies			
New Rapidly build server-side W3C-compliant Web Services using SOAP, XML, WSDL and more.	✓		
New Rapidly build client-side applications that consume W3C-compliant Web Services using SOAP, XML, WSDL and more.	✓	✓	
New WSDL Wizards and Components mean you can easily access Internet Web Services and add functionality to your own applications.	✓		
New Create applications that seamlessly inter-operate across the Internet with standards-based Web Service platforms such as Microsoft® .Net,™ Sun® ONE, and others!	✓		
New SOAP communication Wizards and Components make building Web Services a snap!	✓		
New Delphi™ native SOAP bindings deliver type and syntax checking with CodeInsight™ and more with SOAP Web Services.	✓		
New XML Transform Components (XML<->dataset, XML<->XML) enable your application to translate XML data between XML and dataset formats easily.	✓		
New XML Schema transform tools and utilities provide translation between XML data, DTDs, and XDR schema and datasets automatically, making XML Schema analysis, creation, and XML data transformations a snap!	✓		
New Native Delphi XML bindings radically simplify XML programming—XML documents become native Delphi objects.	✓		
New Multiple XML DOM Level 2 support for vendor-independent DOM compatibility means you avoid vendor lock-in and incorporate data from virtually any XML source.	✓		
New XML doc object in the VCL provides fast programmatic access to new XML formats.	✓		
New XML Document Objects and native Web Service WSDL bindings leverage CodeInsight and compiler type-checking.	✓		

Delphi™

	Enterprise	Professional	Personal
WebSnap™—the complete Web application design platform			
Deploy your Web Applications to IIS, Netscape,® and now Apache™! With support for ISAPI, NSAPI, Apache, and CGI	✓		
New WebPage Surface Designers to rapidly build and view your WebSnap™ application surfaces in HTML and an instantly updated browser preview of your application	✓		
New XML Tree and XSL Tree displays to present any XML and XSL documents with easy-to-read indentions and syntax-highlighting	✓		
New Server-Side Scriptable Web Page Components to easily interface WebSnap/NetCLX™ objects with Web site development teams and scripters	✓		
New Pre-built Scriptable Web Page Components—datasets, login forms, end-user sessions, and other commonly required Web application elements	✓		
New Page Producers and Dispatchers for servicing standard and XSL-transformed XML pages, logical pages, and your own custom adapters and services	✓		
Enhanced Multiple Web Modules in a single project to organize your pages and your site	✓		
New XSL Page Producers for combining XML source data with XSL transforms to produce full-page outputs to HTML	✓		
New Server Side Scripting in WebSnap with JavaScript,® VBScript, and any ActiveScript Language	✓		
New Active script debugging support in WebSnap	✓		
InternetExpress™			
New XML Web Browser tables for high-performance client-cached XML Web Database Tables	✓		
XML data from DataSnap™ Servers to simplify data exchange	✓		
XML Broker for quickly providing XML data for Web server applications	✓		
DataSnap PageProducer wizard to migrate your applications to the Internet with XML and HTML 4 for dynamic Web clients	✓		
Web Page Editor for instantly designing HTML 4 Web documents that deliver dynamic XML data	✓		
New NetCLX™ WebBroker™—compatible, cross-platform Web application development framework for Windows® and Linux® *			
New Develop single-source applications for deployment to Web servers on Windows® and Linux!® *	✓	✓	
New Automated Web Debug Server accelerates your Web Application testing cycles.	✓	✓	
New NetCLX Web Application Framework for high-speed, high-throughput, cross-platform Web applications compatible with WebBroker™	✓	✓	
New NetCLX Web Application components for cross-platform development on Apache, IIS, Netscape, and more using ISAPI, NSAPI, Apache DLL extensions, or CGI	✓	✓	
WebModules™ for centralized information publishing to Internet applications	✓	✓	
Enhanced Web Application Wizard gets you up and running quickly.	✓	✓	
WebDispatcher™ Component for issuing rapid responses to browser requests and adapting any DataModule to the Web	✓	✓	
New Apache Web Server support in Delphi Web technologies	✓	✓	
Seamless Internet/intranet wizards and components			
WebBridge™ for an open solution that supports ISAPI, NSAPI, Apache DLL, and CGI	✓	✓	
Page preview with HTML 4 support	✓	✓	
Web Deployment Wizard for deploying thin-client, zero-configuration applications using the Web	✓	✓	
Web Application Wizards make getting started on Web development a breeze.	✓	✓	
Exclusive: ActiveForms™ for building Rich GUI forms for Win32 client applications and browsers	✓	✓	
Internet Socket Components to customize your own networked applications	✓	✓	
Borland® Database Engine (BDE) CAB File for easy distribution of database applications over the web	✓	✓	
JPEG Support	✓	✓	
Active Server Object wizard for high-performance ASP server development	✓		

*Compiling applications for Linux requires Borland Kylix.

	Enterprise	Professional	Personal
DataSnap™ Web Service-enabled database middleware			
New Web Client, GUI Client, and Web Service access to any supported RDBMS	✓		
New SOAP/XML, COM, CORBA,® Web, and TCP/IP Access connections available for maximum network connectivity and flexibility	✓		
New Easily build XML/SOAP Web Service interfaces to any enterprise-class database—Oracle,® MS SQL Server, DB2,® InterBase,® and more!	✓		
Dataset-based architecture for rapid learning curve—use existing skill sets to scale your applications	✓		
Support for dbGo,™ BDE, IBX,™ and New dbExpress™ data access architectures	✓		
High availability with object broker fail-over safety to guarantee your data is ready when you need it	✓		
Load balancing to promote the highest performance even when under the heaviest loads	✓		
Distributed data with transaction processing extends the reach of your applications while maintaining data integrity.	✓		
Automatic database constraint propagation brings the business rules to the client applications for local processing, conserving server horsepower.	✓		
Low-maintenance, thin, and easily-configured client-side applications to reduce deployment costs	✓		
High-speed database connectivity yields higher performance in your applications.	✓		
Server object pooling maximizes the conservation of resources on your servers, keeping materials costs down.	✓		
Supply data to thin-client applications rapidly, efficiently, and securely.	✓		
Remote data broker to easily partition applications	✓		
TransactionResolver for transaction conflict resolution	✓		
Exclusive: Advanced Master/Detail Provider and Resolver support	✓		
BDE Resource Dispenser for MTS	✓		
Stateless DataBroker for more control in mobile and low-bandwidth situations	✓		
Server object pooling for complete scalability	✓		
Provider Options increase control over how and what information is transmitted.	✓		
DataSnap Development License included	✓		
Simple DataSnap deployment licensing	✓		
CORBA® support			
New VisiBroker® 4.x for Delphi 6 including CORBA Client and Server development	✓		
New Wizards to simplify development of CORBA Clients and Servers	✓		
New Borland AppServer™ v4.5 SIDL Support—build new rich applications and Web Services with the Delphi RAD environment that uses EJB™ for AppServer	✓		
Visual Type Library Editor—CORBA IDL Emitter	✓		
DataSnap CORBA Connection component	✓		
Support for simultaneous COM and CORBA objects	✓		
Server object persistence model for greater scalability	✓		
Remote CORBA Debugging/Event Stepping (Multiplatform—Unix/NT/Java™)	✓		
High-performance native Windows® applications			
High-performance 32-bit optimizing native-code compiler	✓	✓	✓
Easily create reusable dynamically linked libraries (.DLL), COM controls (.OCX), and standalone executables	✓	✓	✓
Use and create dynamically loaded packages for maximum application efficiency	✓	✓	✓
Inline assembler with support for full Intel® 32-bit x86 instruction set (including Pentium® Pro, Pentium III, Pentium 4, MMX,® SIMD, and Streaming SIMD Extensions (SSE)), and AMD 3DNow!™	✓	✓	✓
New Expression evaluation in compiler directives	✓	✓	✓
New Custom variants to support your own data types	✓	✓	✓
New Custom variant data handler for passing variants through data sets	✓	✓	✓

	Enterprise	Professional	Personal
New Custom variant in safe arrays	✓	✓	✓
New Expanded variant support for Int64 and the unsigned types	✓	✓	✓
New Complex Number support via custom variants	✓	✓	✓
New Deprecated Hint Directive to help future-proof your application development	✓	✓	✓
New Platform and Library Hint Directives to assist in cross-platform development	✓	✓	✓
Borland® Rapid Application Development (RAD) IDE			
State-of-the-Art IDE with a fully integrated Code Editor and debugger, view history, easy-to-understand error messages, and color syntax highlighting	✓	✓	✓
Fully customizable IDE layout with window docking and floating toolbars	✓	✓	✓
Multiple custom Desktop Layout Profiles for total control of your development environment	✓	✓	✓
New Object TreeView for quick navigation and manipulation of the objects in the current designer	✓	✓	✓
New Object Inspector™ Subcomponent References to save time locating linked components—directly drill-down into subcomponents	✓	✓	✓
Enhanced Class Completion accelerates creating new object types	✓	✓	✓
New Packages in project manager	✓	✓	✓
New RTL package for non-visual development	✓	✓	✓
New Context-sensitive component palette displays only components that can be placed on the currently active forms or data modules	✓	✓	✓
New Environment Variables in search path to enable automatic location of required files	✓	✓	✓
Advanced Multi-target Project Manager	✓	✓	✓
Data modules for centralized data integrity and business rules	✓	✓	✓
Console Application Wizard for quickly writing text-mode applications	✓	✓	✓
RC Files integrated with the project manager and compiler	✓	✓	✓
Both VCL and CLX™ Visual Form Inheritance and Form linking	✓	✓	✓
Editor Key mapping to fine-tune the editor to the way you work	✓	✓	
Project-wide browsing to better understand your code and to navigate the VCL	✓	✓	
Data Module Designer with Tree and Data Diagram Views to gain a comprehensive understanding of the data in your application	✓	✓	
Control Panel Wizard makes building control applets fast and simple.	✓	✓	
To-Do lists to keep your development on schedule	✓	✓	
Open Tools API to integrate your favorite tools	✓	✓	
AppBrowser™ code editor with symbol hyperlinks and navigation history	✓	✓	
Maximum reusability with Delphi object-oriented architecture			
Object-oriented, fully extensible component and application architecture in both VCL and CLX	✓	✓	✓
Support for Windows common controls	✓	✓	✓
VCL and CLX Visual Form Inheritance and Form Linking to reduce coding and simplify maintenance	✓	✓	✓
Object Repository for storing and reusing forms, Data Modules, and experts	✓	✓	✓
Visual Component Library of drag-and-drop reusable components	✓	✓	✓
Component Library for Cross-platform of drag-and-drop reusable components for Windows and Linux*	✓	✓	
Code Explorer for an instantly updated class reference for your application's unit files	✓	✓	

*Compiling applications for Linux requires Kylix.

	Enterprise	Professional	Personal
CodeInsight™—Speed coding and reduce syntax errors			
Code Templates Wizard for simplified code creation	✓	✓	✓
Code Completion Wizard to help ensure proper syntax	✓	✓	✓
Code Parameter Wizard for displaying procedure, method, and event parameter lists	✓	✓	✓
ToolTip Expression Evaluation for easier debugging	✓	✓	✓
DLL Debugging saves time in creating and debugging DLLs.	✓	✓	✓
Class Navigation short cuts	✓	✓	✓
Class Completion	✓	✓	
ToolTip Symbol Insight	✓	✓	
OpenHelp for easily customizing the contents of help	✓	✓	
Advanced debugging			
Full-featured Debugger with color syntax highlighting	✓	✓	✓
ToolTip expression evaluation	✓	✓	✓
DLL Debugging for easier and more complete debugging control of your application extensions	✓	✓	✓
Multiprocess, cross-process, and attach-to-process debugging for easy tracing through complex applications	✓	✓	✓
Temporary Process Options for focused multiprocess debugging	✓	✓	✓
Module View	✓	✓	✓
Streamlined usability and integration among debug windows and the editor including clipboard and drag-and-drop support	✓	✓	✓
Run until return	✓	✓	✓
Advanced Breakpoints with DataAware triggers, ToolTips, actions, and groupings for faster and complete debugging control	✓	✓	✓
CPU View for low-level debugging	✓	✓	✓
FPU view with support for MMX for enhanced low-level debugging	✓	✓	
Debug spawned processes	✓	✓	
Attach to and debug running processes	✓	✓	
WinSight® 32 for monitoring Windows messaging	✓	✓	
Exclusive: Debug Inspector™ for monitoring component properties while debugging	✓	✓	
Inspector view with fully qualified names	✓	✓	
Event Log for showing process control messages and debug output	✓	✓	
Local Variables View	✓	✓	
Support for Multiple Evaluators for C++ Builder™ inter-operability	✓	✓	
Easier debugging with DCUs and Debug symbol search paths	✓	✓	
Remote Process debugging for distributed development	✓		
Delphi™ TeamSource™ for scaling RAD to your entire development team			
Maintain development productivity while protecting your source code	✓		
Easily manage source code change in large distributed development teams	✓		
Automatic reconciliation greatly simplifies the task of synchronizing developer changes with the master archive.	✓		
Be in command of changes posted to the master archive with comprehensive history tracking and publishing.	✓		
Simplify the management of the milestones in your project with Source Code Bookmarks.	✓		
Support for PVCS® and other versioning engines with modular version controllers	✓		

	Enterprise	Professional	Personal
Simplifying international development			
Comprehensive support for bi-directional text (left to right, right to left)	✓	✓	✓
Multibyte-enabled Development environment	✓	✓	✓
Multibyte-enabled VCL	✓	✓	✓
Dynamic Language switching at runtime	✓	✓	✓
Resource DLL Wizard to kick-start the translation of your application	✓		
Delphi Form (DFM) editing without source code	✓		
Translation Repository to facilitate the reuse of translated items	✓		
RC Translator to seamlessly integrate external components into the translation	✓		
DFM Translator to seamlessly integrate Delphi form translation	✓		
New Translation and Localization Manager to simplify localization of your applications	✓		
RADical Visual Development			
Visual Component Library (VCL)			
VCL native components for rapid application development	300+	225+	85+
New Windows 2000-style Shell Control examples to modernize your interface	✓	✓	✓
New Component Interface Reference architecture to surface Component Interfaces in the Object Inspector	✓	✓	✓
Enhanced TDateTime extensions accelerate your date and time calculations.	✓	✓	✓
New SubComponent classes combine commonly mixed components for greater utility, and they speed the creation of user interfaces.	✓	✓	✓
New Conversion Unit simplifies measurement conversions.	✓	✓	✓
Visual Component creation	✓	✓	✓
Package Manager to easily control the contents of custom component packages	✓	✓	✓
Modern UI features: Docking, Intellimouse® support, Minimum and Maximum Component Sizing Constraints, and border anchors in visual components	✓	✓	✓
Action List for managing and directing commonly used code in an application	✓	✓	✓
Windows 98/Me/2000 support for Multi-Monitor, MonthCalendar, PageScroller, and Flat Scrollbars	✓	✓	✓
Owner Draw support in the Property Editors for simplifying display of property choices	✓	✓	✓
Support for Advanced Custom Draw functions for increased control over the Windows API	✓	✓	✓
New Action MainMenu and Action ToolBar components for sophisticated and centrally controlled User Interface design with dynamic Action Manager-driven UI surfaces	✓	✓	
New Action Manager provides central management of your actions and self-configuring dynamic User Interfaces, taking the tedium out of UI design.	✓	✓	
New ActionBands™ Customization Manager gives your end-users total control over ActionBands UI configurations at runtime!	✓	✓	
Windows NT® Service Applications	✓	✓	
Package Collection Editor	✓	✓	
ControlBar for creating floating toolbars in GUI applications	✓	✓	
Frames for building and reusing compound components	✓	✓	
Web Browser component for integrating HTML browsing into your application	✓	✓	
Set of MS Office automation components to quickly integrate your applications with Office applications such as Word, Excel, and Outlook®	✓	✓	

	Enterprise	Professional	Personal
New! CLX™ Component Library for Cross-platform development on Windows/Linux*			
New More than 160 CLX™ native components for rapid application development on Windows and Linux*	✓	✓	
New BaseCLX™ RTL classes and components	✓	✓	
New VisualCLX™ Native GUI components and data-aware visual controls	✓	✓	
New VisualCLX GUI Display components—Form, EditBox, Label, Grids, Image, Bevels, Listbox, ComboBox, ListView, TreeView, ProgressBar, and more	✓	✓	
New VisualCLX GUI DataAware components—Navigator, EditBox, Label, Grids, Image, Listboxes, Checkbox, RadioGroup, LookupLists, and more	✓	✓	
New VisualCLX GUI Input components—Menus, PopupMenus, Buttons, Checkboxes, RadioButtons, SpeedButtons, SystemTimer, Sliders, and more	✓	✓	
New VisualCLX GUI Control components—Toolbars, Scrollbars, Controlbars, Splitters, GroupBoxes, TabControls, PageControls, StatusBars, and more	✓	✓	
New Common CLX GUI Dialogs—Open, Save, Font, ColorPicker, Find, and Replace	✓	✓	
New DataCLX™ highly scalable data-access components	✓	✓	
Borland® source code			
VCL Source code	✓	✓	
New CLX source code	✓	✓	
Property Editor source code	✓	✓	
Database development for any application			
Highly scalable DataCLX™ database development architecture			
The Delphi DataSet Abstraction layer makes database programming easy, from local flat files to the most powerful RDBMS.	✓	✓	
New Produce cross-platform applications with flexible data-aware controls that are single-source between Delphi on Windows and Kylix™ on Linux!*	✓	✓	
ClientDataSet-maintained Aggregates and Parameter support	✓	✓	
Advanced application-side transaction caching to optimize RDBMS server connectivity	✓	✓	
DataSetProvider for flexible binary- and XML-distributed data connectivity	✓	✓	
Provider Optional Parameters, calculated fields, and field properties	✓	✓	
Master/Detail Provider and Resolver support	✓	✓	
On-demand Blobs	✓	✓	
MyBase™ XML Data Briefcases for transparent mobile and low-bandwidth connectivity support	✓	✓	
CommandText property for building custom queries at client side	✓	✓	
Broad range of data-access options—get access to any data your application needs			
New dbExpress for ultra high-performance Native SQL RDBMS access	✓	✓	
Enhanced Borland Database Engine (BDE) 5.1.1	✓	✓	
Interbase Express™ (IBX) for Direct-API access to InterBase	✓	✓	
All Delphi Data Access options use common DataSet/DataCLX Programming Model—use any data-access method with one skill set	✓	✓	
DbGo for ADO 2.5 direct access to any ADO-compliant dataset, from office applications to RDBMS	✓	✓	

*Compiling applications for Linux requires Kylix.

	Enterprise	Professional	Personal
Open Database Architecture—connect to all your data			
Access, FoxPro,® Paradox,® and dBASE® drivers for high-speed access to desktop and LAN database systems	✓	✓	
Complete ODBC connectivity	✓	✓	
BDE API for direct open access to any database engine	✓	✓	
Support for autorefresh	✓	✓	
TCustomConnection class to easily integrate third-party database solutions	✓	✓	
SQL Links native drivers with unlimited deployment license for InterBase, Oracle, Sybase,® Informix,® MS SQL Server, and DB2	✓		
Integrated database development tools—simplify client/server development			
Data-aware components to build powerful database applications	✓	✓	
DB Control Grid	✓	✓	
Cached Updates for increased server responsiveness	✓	✓	
Database desktop for creating and managing Paradox and dBASE tables	✓	✓	
Database Explorer to visually browse and manage tables, aliases, and indices	✓	✓	
Scalable Data Dictionary to maintain data integrity	✓	✓	
DBGrid support for Nested Tables, ADTs, Array and Reference fields	✓		
SQL Database Explorer to visually manage server-specific meta-data, including stored procedures and triggers	✓		
SQL Monitor to test, debug, and tune SQL applications for optimal performance	✓		
SQL Builder for writing complex SQL easily	✓		
Data Migration Wizard for rapid upsizing and application scaling	✓		
dbExpress™ native cross-platform database connectivity—access all your data at extreme speed			
New Multiple transactions on a single connection	✓	✓	
New dbExpress high-performance database driver interface for open access to any database engine	✓	✓	
New Single-file distribution of dbExpress applications	✓	✓	
High-performance database drivers			
New dbExpress drivers for InterBase, MySQL™	✓	✓	
BDE Local Drivers for Paradox, dBase, FoxPro, Access	✓	✓	
New dbExpress drivers for Oracle, DB2	✓		
BDE SQL Links for Oracle, Microsoft SQL Server, IBM® DB2, Informix, Sybase, and InterBase	✓		
New MyBase™ personal XML database engine			
Database Engine-in-a-component design for lightweight single-file application distribution	✓	✓	
XML file database for complete simplicity and inter-operability	✓	✓	
Fast In-memory table performance	✓	✓	
Zero configuration for instant setup and simple application distribution	✓	✓	
Small footprint—less than 300k linked in executable or 0k with shared packages	✓	✓	
ANSI 92 SQL Expression Syntax for live filtering and aggregation	✓	✓	
Linkable master/detail table relationships	✓	✓	
ClientDataSet based with transparent scalability to dbExpress and DataSnap for unlimited scalability	✓	✓	
Import SQL query results from any dbExpress RDBMS into local MyBase XML tables.	✓	✓	
Support for all popular data types including Blobs	✓	✓	
Advanced Borland InterBase® support			
InterBase 6.0 support including InterBase Express native API components	✓	✓	
InterBase 6.0 five-user development license to build and test multi-user SQL applications	✓		
InterBase 6.0 two-user development license to build and test multi-user SQL applications		✓	

	Enterprise	Professional	Personal
Documentation, examples, and online help			
Comprehensive online documentation for quick reference	✓	✓	✓
Printed developer documentation for offline consulting	✓	✓	✓
Sample applications to learn from and get started quickly	✓	✓	✓
COM/ActiveX®/COM+ features			
New Automatic COM+ object setup with configuration attributes for simplified COM+ object deployment	✓	✓	
New Event object wizards speed linking to COM+ events and VCL support for COM+ event registration.	✓	✓	
Transaction objects take advantage of the latest transaction control services in Windows.	✓	✓	
Dual MTS/COM+ support for transaction objects	✓	✓	
New Transaction datamodule for internal segregation of COM+ object elements	✓		
ActiveInsight™—an enterprise component foundry for maximum reusability			
Active Document Support	✓	✓	✓
COM/Interfaces for language inter-operability	✓	✓	✓
Full Win95/Win98/Me/NT/2000 support for OLE Automation Controllers and Servers	✓	✓	✓
Runtime Component Packages for easily updated, small application executables	✓	✓	✓
Visual Component Creation for instantly creating component templates	✓	✓	✓
One-Step ActiveForms to deliver applications over the Web	✓	✓	
ActiveX®			
One-Step industry-standard ActiveX® components for maximum reusability	✓	✓	
Advanced Type Library Editor with complete support for MS IDL editing	✓	✓	
Support for Automation Object event handling	✓	✓	
COM Object Wizard	✓	✓	
ActiveX Control Data binding	✓	✓	
Support for sparse vtables to support VB servers	✓	✓	
Import COM servers as components to develop visually	✓	✓	
Third-party component solutions			
Nevrona INDY—Internet Protocol Component Suite including HTTP, FTP, SMTP, POP3, and more	✓	✓	
“Delphi Companion Tools” CD includes numerous third-party components and tools	✓	✓	
Quick Reports	✓	✓	
TeeCharts	✓	✓	
NetMasters FastNet controls	✓	✓	
InstallShield® MSI Lite	✓	✓	
InterBase 6	✓	✓	
Commercial development license for professional software sales	✓	✓	

Borland®

100 Enterprise Way
 Scotts Valley, California 95066-3249
 www.borland.com | 831-431-1000

Made in Borland® Copyright © 2002 Borland Software Corporation. All rights reserved. All Borland brand and product names are trademarks or registered trademarks of Borland Software Corporation in the United States and other countries. All other product names are trademarks of their respective companies. • 12060.4