



Delphi™ 6 Features

	Enterprise	Professional	Personal
BizSnap™ – Web Services with XML Technologies			
New Rapidly build industry-standard Web Services and Web Service Consumers using XML, XSL, SOAP, 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™

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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 indentations 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 Kylix.

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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® 4.0.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	✓	✓	✓

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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 Multitarget 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	✓	✓	

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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 Wizard	✓	✓	
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	✓		
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	✓		

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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	✓		

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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 InterBase[®] support			
InterBase 6 support including InterBase Express native API components	✓	✓	
InterBase 6 open-source license to develop, test, and deploy multi-user SQL applications	✓	✓	

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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 vttables 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 6.0 (Open Source)	✓	✓	
Commercial development license for professional software sales	✓	✓	

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