

Delphi® 2010

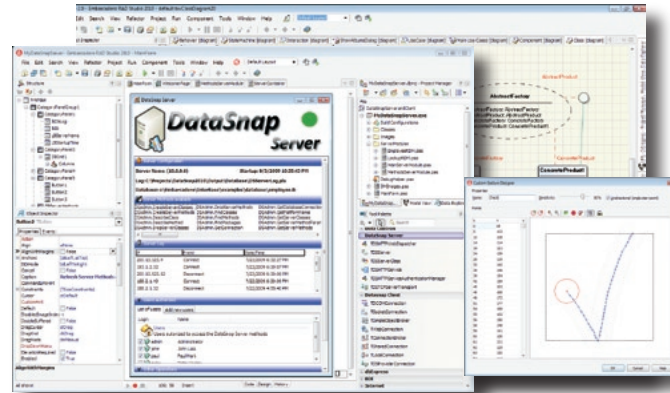
The Fastest Way to Build Native Windows Applications


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TECHNOLOGIES**


Delphi® is one of the most respected and widely used Rapid Application Development (RAD) environments today. Over 1.7 million developers worldwide choose Delphi over other tools because Delphi radically speeds desktop, workstation, touch, kiosk, and Web application development without sacrificing an ounce of programming power or control. Applications built with Delphi are lightning fast, compact, provide rich UIs, and can connect with virtually any database or data source “out-of-the-box”.

Delphi includes a powerful and modern programming language, a fully integrated ultra-fast Windows native compiler/debugger, a visual drag-and-drop development environment for building interactive UI-oriented applications, a rich visual component framework (VCL) with more than 250 reusable classes/components, and unparalleled database and service connectivity. Thousands of additional Delphi components are available for jumpstarting any specialized application, technology, function, or task from a vibrant community of Delphi partners and developers.

- RADically reducing development time
- Touch the future
- Any database, architecture, or protocol



Delphi 2010 includes enhancements to DataSnap and modeling plus new ability to touch and gesture enable applications

RADICALLY REDUCING DEVELOPMENT TIME

Programming in Delphi is more efficient than developing in other “rapid” development platforms such as Visual Basic, .NET, or Java. Delphi developers utilize the Visual Component Library (VCL) which encapsulates powerful pre-built functionality into simple reusable and extendable components. The VCL is fully integrated into the development environment and two-way visual designers. This makes it easy to manipulate components both visually and in code. As a result, applications built with the VCL framework require writing, debugging, and testing far fewer lines of code, often up to 5x fewer LOC in real-world apps for equivalent functionality – without sacrificing performance or capability. By utilizing Delphi and VCL, applications are higher quality and easier to maintain and enhance.

- RAD two-way visual development environment and VCL component framework
- Powerful and fast Delphi language compiler with modern features such as generics, anonymous methods, and attributes
- Ultra-fast and small-footprint runtime performance, rich interactive user experiences, unparalleled database and service connectivity, and no cumbersome runtime environments like .NET, VB, or Java

TOUCH THE FUTURE

Delphi has built-in touch and gesturing support for multiple Windows platforms, making it the best way to build modern interactive touch and multi-touch applications, kiosks, tablets, point-of-sale (POS) systems, and more. Delphi’s touch support provides more features, control, and flexibility than other environments:

- Fine control – other tools put the developer at the mercy of the OS or desktop for touch support, but Delphi gives you control over how touch input works within your app at the form, container, and control level
- Multi OS support – works with Windows 7 as well as Windows Vista, XP, and 2000
- Flexible input support – single-touch, multi-touch, pen, and mouse support
- Rich gesture support – over 30+ standard gestures plus ability to design your own custom gestures
- Virtual Touch Keyboard with support for multi-locales

ANY DATABASE, ARCHITECTURE, OR PROTOCOL

Delphi’s DataSnap® framework and dbExpress™ data access drivers enable you to build one system that can seamlessly connect to a variety of data sources while retaining vendor-specific database features and unencumbered native performance and control. So while other RAD tools limit you to a specific database or architecture, or rely on “universal” data connectivity options that sacrifice performance and control, Delphi’s openness provides the flexibility and performance you need to build superior real-world applications.

- Native high speed support for Microsoft SQL Server, InterBase, DB2, Oracle, Sybase, MySQL, Firebird, and more
- Flexible “build once – connect to many” dbExpress data access
- DataSnap with JSON, REST, COM, HTTP, TCP/IP and XML support for client/server and multi-tier connectivity with virtually any other system

Key Features

- RAD IDE with fast drag-and-drop design
- Over 250+ VCL controls
- Built-in touch and gesturing support
- dbExpress with support for 9 major databases
- DataSnap n-tier middleware with JSON, REST, HTTP, COM, and XML
- Debugging support for multi-threaded applications
- UML/code metrics and audits
- Target Windows 2000, XP, Vista, and Windows 7 from single

New! in Delphi 2010

- Windows 7 API, Direct2D, and multi-touch support
- Touch and gesturing for Windows 2000, XP, Vista, and Windows 7
- IDE Insight – instant access to any feature or setting
- 120+ productivity enhancements
- Debug Visualizers
- Firebird dbExpress support
- Delphi 7 Classic mode layout option with tabbed toolbar
- And much more!

Features	Description
Delphi	
High Productivity Integrated Development Environment (IDE)	
Unicode-Enabled Code Editor	Includes color syntax highlighting and Code Insight, refactorings, live code templates and class completion
IDE and Database Tools	Include new IDE Insight plus project manager, visual designers, object inspector, class explorer, data explorer and SQL query builder
Debugging and Unit Testing	Integrated debugger with new multi-thread debugging, remote debugging, and unit testing
International Development	Includes Unicode enabled development environment and VCL library, easy language switching in the IDE, resource DLL wizard, and translation tools
Language and Compiler	
High-Performance 32-bit Optimizing Delphi Native Code Compiler	Includes new Delphi language support for RTTI and custom attributes, plus Unicode, generics, and anonymous methods
Microsoft Windows SDK	Includes support for Windows 7 including the Direct2D API and themed applications
VCL - Visual Component Library	
VCL Library	Enables rapid drag-and-drop visual development with hundreds of components for rapidly building Microsoft Windows applications. Now includes seamless Windows 7 support, and graceful fallback compatibility with Windows Vista, XP, and 2000. VCL source code is included.
Touch and Gesture Interface Support	Integrated gesturing framework with multi-OS support for Windows 7, Vista, XP, and 2000, gesture designer, virtual keyboard, and interactive multi-touch gestures for panning, zooming and rotating
Database Application Development, Access, and Design	
Database Connectivity and Database Drivers	Remote and local connectivity to Oracle, Firebird, DB2, Microsoft SQL Server, Informix, Sybase, InterBase, MySQL, and SQL Anywhere in the Enterprise and Architect editions. Local connectivity to InterBase, MySQL, and SQL Anywhere in the Professional edition.
Blackfish SQL database	Fully managed code, SQL-compliant, highly portable, and embedded database with royalty-free deployment license
InterBase Developer Edition	Highly scalable, powerful, embeddable database with development license
DataSnap	Create multi-tier database applications with middle tier application servers and connect to them from thin clients. Place business rules and write stored procedure code in Delphi. Enhanced in 2010 with new ServerMethods, wizards and communication protocols.
Web Application Development and Remoting	
VCL for the Web	Complete RAD Web Application Framework with AJAX and full WYSIWYG VCL based Web page design – build Web apps like desktop VCL
COM Support with Wizards	Enables creation of COM+ objects and servers and type library editor
Complete Development Solution	
UML Modeling	Includes class diagrams and synchronization between the model and source code. Enterprise and Architect editions also include sequence diagrams, collaboration diagrams, state charts, deployment diagrams, use case diagrams, activity diagrams, component diagrams, and design patterns.
Code Audits and Metrics	Code Audits for deep code analysis to better understand the coding style and approach. Code Metrics allow for deep understanding and static analysis of the health of the object domain.
Database Modeling and Design	Embarcadero® ER/Studio® 8.0 Developer Edition, a database modeling and design tool for better understanding database structures
Bundled Tools	Includes Rave Reports, glyFX icon library, TeeChart charting components, InstallAware Express installer, and additional software from Embarcadero partners

System Requirements

Hardware Requirements

- 1 GB RAM (2 GB+ recommended)
- 3 GB free hard disk space for Delphi
- 750 MB free hard disk space for prerequisites
- DVD-ROM drive
- 1024x768 or higher-resolution monitor
- Mouse or other pointing device

Processor

Intel® Pentium® or compatible, 1.4 GHz minimum (2GHz+ recommended)

Supported Operating Systems

- Microsoft® Windows® 7
- Microsoft Windows Vista SP2 (requires administrator rights)
- Microsoft Windows XP Home or Professional (SP2 or SP3)
- Microsoft Windows Server 2003 (SP1) or 2008

Product Editions

Professional

- Local database connectivity to InterBase, Blackfish SQL, and MySQL
- Blackfish SQL deployment on systems with one user, 512 MB database size
- VCL for the Web with limit of five connections

Enterprise – Includes Professional Edition plus:

- Database server connectivity to InterBase, Blackfish SQL, Firebird, MySQL, Microsoft SQL Server, Oracle, DB2, Informix, and Sybase
- DataSnap multi-tier database application development
- Blackfish SQL deployment on systems with 5 users, 2 GB database size
- VCL for the Web with no connection limit
- Additional UML modeling capabilities

Architect – Includes Enterprise Edition plus:

- Reverse-engineer, analyze, and optimize databases
- Ability to create logical and physical models based on information extracted from databases and script files
- Easily readable and navigable diagrams
- Supports forward engineering with automatically generating database code from models
- Advanced compare and merge with bidirectional comparisons and merges of model and database structures

Download a Free Trial at www.embarcadero.com

Corporate Headquarters | Embarcadero Technologies | 100 California Street, 12th Floor | San Francisco, CA 94111 | www.embarcadero.com | sales@embarcadero.com