

# CodeGear™ RAD Studio

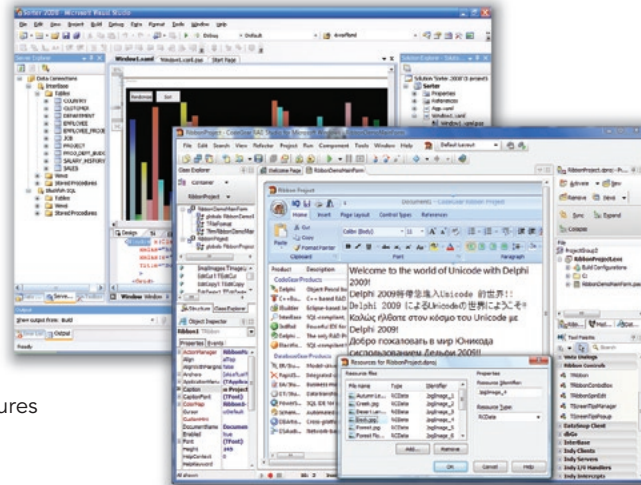
## Rapid Application Development for Native Windows and .NET


**EMBARCADERO**  
TECHNOLOGIES®


CodeGear™ RAD Studio 2009 is a complete rapid application development solution with everything you need to build native Windows®, .NET, Web, and database applications. Delphi® 2009 and C++Builder® 2009 Integrated Development

Environments (IDEs) provide the fastest way to build high performance native Windows applications. Delphi and C++Builder include visual designers and hundreds of components to create rich user interfaces and versatile database applications. RAD Studio's Delphi Prism™ enables development for both .NET and Mono applications, and provides support for the latest .NET Framework technologies including ASP.NET, WinForms, WPF and LINQ.

- Native Windows and .NET development
- Build high performance native Windows applications with Delphi 2009, C++Builder 2009, and build .NET applications with Delphi Prism 2009
- Connect with all your data across multiple sources and tiers
- Gain new insight into your database structures with data modeling and visualization in RAD Studio Architect Edition



### NATIVE WINDOWS AND .NET DEVELOPMENT

RAD Studio 2009 combines Delphi 2009 and C++Builder 2009 for the speed and low level access of native Windows development and Delphi Prism for .NET development with the higher level of abstraction of managed code.

### BUILD HIGH PERFORMANCE WINDOWS APPLICATIONS WITH DELPHI AND C++BUILDER

Delphi 2009 and C++Builder 2009 in RAD Studio provide all the tools you need to build rich, powerful Windows applications. Combining a robust component library, an intuitive editor, and a full-featured debugger, RAD Studio 2009 enables your developers to build all types of Windows applications. From the desktop to the Web to the server, RAD Studio 2009 is the tool of choice for Windows developers.

### USE DELPHI PRISM TO BUILD AGAINST THE .NET FRAMEWORK

RAD Studio's Delphi Prism includes complete design-time and runtime support for WinForms, ASP.NET, Windows Presentation Foundation (WPF), LINQ, and Parallel FX. And it generates fully CLS compliant assemblies so you have complete access to all language and runtime features of .NET.

### CONNECT WITH ALL YOUR DATA ACROSS MULTIPLE SOURCES AND TIERS

RAD Studio 2009 provides lean, native, high performance access to all popular database management systems so developers can easily access and display data without writing any code. And it gives you the choice to create, read, update, and delete data, either from visual controls or in code. Developers can write stored procedure code in the Delphi language and embed business logic and other data management code in application servers. Accessing robust data has never been so easy, and so flexible.

### GAIN NEW INSIGHT INTO YOUR DATABASE WITH THE RAD STUDIO ARCHITECT EDITION

RAD Studio Architect Edition includes a Developer Edition of ER/Studio, an industry-leading data modeling tool, which helps developers discover, document, and re-use data and database assets. With round-trip database support, you have the power to easily create, reverse-engineer, analyze, and optimize existing databases.

### Related Products

#### ER/Studio®

Data modeling tool for designing and understanding your databases.

#### Embarcadero® DB Optimizer™

Quickly discover, diagnose, and optimize poor-performing SQL.

#### Embarcadero® Change Manager™

Simplify and automate database change management.

#### Delphi®/400

The smart way to modernize System i and AS/400 applications.

#### InterBase® SMP

The highly scalable, powerful, embeddable database.

#### Blackfish™ SQL

Fully managed, SQL-compliant, highly portable, embedded database.

#### Embarcadero® All-Access™

Instant access to the languages, tools, and technologies to design, build, and run your software applications and database systems.

Feature	Description
<b>Delphi 2009 and C++Builder 2009 for Native Windows Development</b>	
<b>High Productivity Integrated Development Environment</b>	
Unicode-Enabled Code Editor	Provides color syntax highlighting, Code Insight, live code templates, class completion and refactoring to speed coding and reduce errors
IDE Productivity Tools	Includes project manager, visual designer, object inspector, structure view, tool palette, data explorer, SQL query builder, localization tools, and unit testing
Debugger	Allows full debugging down to assembly code level using configurable breakpoints and watch window plus remote debugging
<b>Compilers and Libraries</b>	
32-Bit Optimizing Delphi Compiler	Provides fast compilation and Delphi language support for Unicode, generics, and anonymous methods
C++ Compiler 6.10 (bcc32)	Includes early support for C++0x standards
C++ Libraries	Provides Dinkumware STL and Boost Library with TR1 support
Visual Component Library	Supports drag-and-drop development with hundreds of components including new ribbon controls
<b>Database Application Development, Access, and Design</b>	
Database Connectivity and Database Drivers	Enterprise and Architect Editions provides remote and local connectivity to Oracle, DB2, Microsoft SQL Server, Informix, Sybase, InterBase, Blackfish SQL, MySQL and SQL Anywhere. Professional Edition provides local connectivity to InterBase, Blackfish SQL, and MySQL.
DataSnap	Provides multi-tier database application framework. Only available with Enterprise and Architect Editions
Blackfish SQL Database	Includes fully managed code, SQL-compliant, highly portable, and embedded database
InterBase Developer Edition	Offers a highly scalable, powerful, embeddable database with development license
Database Modeling and Design Tools	Helps you better understand database structures. Only available with Architect Edition
<b>Complete Development Solution</b>	
UML Modeling	Includes class diagrams with real time synchronization between models and source code. Architect Edition includes full UML support, including State Diagrams, Use Case Diagrams, Activity Diagrams, and more. Provides full support for "Gang of Four" design patterns
Bundled Tools	Includes Rave Reports, glyFX icon library, InstallAware Express installer and software from Embarcadero partners

## Delphi Prism for .NET Development

<b>Delphi Prism Language</b>	
Delphi Prism Language for .NET and Mono	Supports writing managed applications using a modern language with roots in Pascal and Object Pascal
Parallel Programming Features	Includes futures, parallel loops, asynchronous code blocks, and locked/locking directives for parallel programming support
LINQ Query Expressions	Combines the querying capabilities of database languages such as SQL and applies it to any type of data, natively within the Delphi Prism language
Property Notifications	Makes it easy to develop solutions that follow the model/view/controller design pattern
Bundled Language Features	Includes enhanced nullable types, class contracts, enhanced constructor calls, and class references
<b>Target Multiple Platforms</b>	
.NET 1.1, 2.0, 3.0, and 3.5	Provides flexibility to target multiple .NET versions
Mono 2.0, Including Linux and Mac OS X	Supports multi-platform deployment of applications
<b>Integrated Design Environment (IDE) and Visual Studio Integration</b>	
Installation Options	Provides the flexibility to install as a standalone application including Visual Studio 2008 or as an integration with other Visual Studio languages and tools
Windows Forms, WPF and ASP.NET Form Designers	Enables visual design of Windows desktop and Web applications
Code Editor, IntelliSense, and Integrated Debugging	Speeds coding and reduces errors
<b>Database Application Development, Access and Design</b>	
ADO.NET Connectivity to Blackfish SQL and InterBase	Enterprise and Architect Editions support local and remote server connectivity. Professional Edition supports local connectivity
DataSnap	Build .NET DataSnap client applications that access native servers using the DataSnap multi-tier database application framework. Only available with Enterprise and Architect Editions.

System Requirements – Native Windows Development		System Requirements – .NET Development	
<ul style="list-style-type: none"> <li>1GB RAM (2GB+ recommended)</li> <li>3 GB free hard disk space for Delphi</li> <li>750 MB free hard disk space for prerequisites</li> <li>DVD-ROM drive</li> <li>1024x768 or higher-resolution monitor</li> <li>Intel® Pentium® or compatible, 1.4 GHz minimum (2GHz+ recommended)</li> </ul>	<ul style="list-style-type: none"> <li>Mouse or other pointing device</li> <li>Microsoft® Windows Vista™ SP1 (Requires Administrator rights)</li> <li>Microsoft® Windows XP Home or Professional (SP2 or SP3)</li> <li>Microsoft® Windows Server® 2003 (SP1) or 2008</li> <li>Microsoft® Windows® 2000 Professional or Server (SP4)</li> </ul>	<ul style="list-style-type: none"> <li>Minimum: 1.6 GHz CPU, 384 MB RAM, 1024x768 display, 5400 RPM hard disk</li> <li>Recommended: 2.2 GHz or higher CPU, 1024 MB or more RAM, 1280x1024 display, 7200 RPM or higher hard disk</li> <li>On Windows Vista: 2.4 GHz CPU, 768 MB RAM</li> </ul>	<ul style="list-style-type: none"> <li>1 GB of available space required on system drive</li> <li>2 GB of available space required on installation drive (includes space for .NET Framework and SDK)</li> <li>Mouse or compatible pointing device</li> <li>Windows XP Service Pack 2 or above</li> </ul>
		<ul style="list-style-type: none"> <li>Windows Server 2003 Service Pack 1 or above</li> <li>Windows Server 2003 R2 or above</li> <li>Windows Vista</li> <li>Windows Server 2008</li> <li>x86</li> <li>x64 (WOW)</li> </ul>	
		Install standalone or integrated into Visual Studio 2008	

Download a Free Trial at [www.embarcadero.com](http://www.embarcadero.com)

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