

GENERAL QUESTIONS

What is C++Builder?

C++Builder® gives software developers the best of both worlds. You get the power of the C and C++ languages and libraries with the productivity of visual rapid application development.

The C++Builder development environment includes an advanced editor, debugger, unit testing, modeling, and a powerful compiler with early support for the upcoming C++0x standards. Use the included libraries or your favorite C or C++ libraries to build scientific, engineering and other native Windows applications. Then use the visual design surface and hundreds of included components to quickly create user interfaces and build database applications with heterogeneous database connectivity

What's new in C++Builder 2009?

- Give your user interfaces a fresh, modern new look with new and enhanced VCL components
 - C++Builder 2009 includes new Office 2007 style ribbon controls and enhancements to existing controls like buttons and treeviews
- Stay current with support for the latest C++ standards and libraries
 - C++0x - Get early support for new C++0x standards in the C++Builder compiler and IDE, including Alignof operator, Native Type Traits, Rvalue references, Static assertions, Strongly Typed enums, Type specifier decltype, Unicode character types and literals
 - Boost - a copy of the popular Boost library is now included with best ever compatibility with C++Builder so you can easily take advantage of everything Boost has to offer
 - ISO Library TR1 - an implementation of the ISO C++ Library Technical Report
- Expand your business globally and ensure your apps handle Unicode data with new support for Unicode throughout the C++Builder IDE and VCL. C++Builder 2009 also includes integrated translation tools to help you extract resources and manage translation projects if you're localizing your applications to other languages
- Improved Delphi compatibility - makes it easier than ever to share code between Delphi and C++Builder and take advantage of Delphi components when building C++Builder applications
- Improved performance - faster install times with an improved install experience and up to 10% faster IDE startup time get you up and running quickly
- Precompiled header wizard helps optimize compile times. Well tuned precompiled headers can boost compile speed 10x or more
- Visualize your applications with new UML modeling for C++
 - C++Builder 2007 introduced UML code visualization to give you a view of your applications. C++Builder 2009 makes that model view interactive with full two-way LiveSource modeling so changes to the model are reflected in your source code and changes in your source code are reflected in the UML model
- Enhanced support for building database apps with dbExpress and DataSnap
- IDE now provides improved resource management and support to share build configurations between projects, simplifying project management

How do I choose between the Professional, Enterprise and Architect editions?

The Professional, Enterprise and Architect editions of C++Builder are all targeted at developers who want to rapidly create powerful applications leveraging the power of C++ and the visual development and database application development capabilities of C++Builder. Some key areas of differentiation between the two editions are:

Professional

- Local database connectivity to InterBase®, Blackfish™ SQL and MySQL
- Blackfish SQL deployment on systems with 1 user, 512MB database size
- VCL for the Web with limit of 5 connections

Enterprise

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

Architect

- Everything in the Architect edition, plus:
- ER/Studio Developer Edition for database modeling and development
- Advanced UML Modeling including language neutral modeling projects

See the C++Builder Feature Matrix for a full feature comparison between editions.

What is Support and Maintenance for C++Builder?

Support and Maintenance can be purchased at the time you purchase your C++Builder product or upgrade. The support and maintenance agreement gives you a year of upgrades (including major and minor upgrades) and a specified number of support incidents. See the Support dropdown menu item of our web site for additional information.

Is a trial edition of C++Builder available?

Yes. Visit <http://cc.codegear.com/free/cppbuilder> to download a fully functional trial version. That web page will give you information on how to download a setup executable file that will then in turn download and install the Delphi and C++Builder 2009 Trial from the internet. It will also provide you with a trial key for the product.

What are the limitations of the Academic products?

The Academic edition can be used only for learning in an academic or classroom environment. Educational institutions cannot use the academic version to produce software for use within their institution.

Which products qualify for the upgrade pricing?

Professional Upgrade - owners of any previous Professional edition of CodeGear RAD Studio, Borland Developer Studio, Delphi, C++Builder, Kylix, Turbo Delphi or Turbo C++

Enterprise Upgrade - owners of any previous Enterprise or Professional edition of CodeGear RAD Studio, Borland Developer Studio, Delphi, C++Builder, Kylix, Turbo Delphi or Turbo C++



Architect Upgrade - owners of any previous Architect or Enterprise edition of CodeGear RAD Studio, Borland Developer Studio, Delphi, C++Builder, or Kylix

TECHNICAL QUESTIONS

Can I develop applications in Windows 2000 or XP that run on Vista and vice versa?

C++Builder lets you develop applications on the Windows OS that is most productive for you, so you can develop applications on any of the three operating systems (Windows 2000, XP, or Vista) and then deploy them on any or all of them.

What are the pre-requisites for installing C++Builder?

To install C++Builder 2009, you will need to have installed on your system:

- The Microsoft .NET Framework 2.0 or higher
- The Microsoft Visual J# 2.0 Redistributable Package
- Windows Internet Explorer® 6.0 or higher
- MSXML 6

The C++Builder installer will install the prerequisite software if you don't already have it installed.

Has install performance been improved since C++Builder 2007?

Yes, install performance is significantly faster than it was for the previous version.

I'm wondering about moving my existing code to Unicode. What do I need to do?

Most existing code will work fine using the new default UnicodeString. Code that does byte level manipulation of string data, or that carries data in string variables probably needs to be examined and perhaps updated to account for the new character sizes inherent in Unicode string data. For more information, see the documentation and CodeGear Developer Network for information about moving existing code to Unicode.

Do I have to register my copy of C++Builder?

Yes. When you first run the product, a small application will open and ask you to register the product. Once that is done, and your product key is validated, then your product will be registered and installed.

Can I open my projects created with older versions of C++Builder in C++Builder 2009?

Yes, you should be able to do so, depending on the installed components required by your projects. C++Builder 2009 uses the MSBuild system for the build engine, and thus this new release requires a new project file if you are upgrading from version 2006 or earlier. However, the IDE will seamlessly update your projects to the new format.

Will localized versions of C++Builder 2009 be available, and if so, when?

C++Builder 2009 is available in English, German, Japanese, and French. All four languages are available immediately. We have made great strides in our internationalization process that will allow us to remove the delays for releasing localized versions of our products.



How have you improved conformance and compatibility to ISO C++ in the release of C++Builder 2009?

We have tightened our adherence to the standards with several modifications to our compiler. We are delivering an implementation of the first Library Technical Report, and previewing features planned for the next version of the C++ standard, informally known as C++0x

What is Standard Library Technical Report 1?

TR1 is the first official ISO extension to the C++ Standard Library, including many components to enhance library use and development, including a reference counted smart pointer and function call wrapper for better resource management; tuple, array and hashing containers; regular expressions; random numbers; improved function binders to simplify calling library algorithms; and type traits.

More details may be found in the final public draft available on the ISO committee website at:

<http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2005/n1836.pdf>

What is C++0x?

C++0x is the informal name for the next version of the C++ Standard. While the standard expected until late 2010 many features are now well defined. More details may be found on the ISO committee website. A good place to start would be:

<http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2008/n2705.html>

What have you done to improve Delphi compatibility?

As the Delphi language has evolved, small incompatibilities with C++ have emerged that might show up in 3rd party controls developed in the Object Pascal language. C++Builder 2009 address that with support for virtual class methods, static properties and more.

What if I need to deploy Blackfish SQL in situations beyond those allowed with the license included in C++Builder?

Additional Blackfish SQL deployment licenses are available separately for purchase. See the CodeGear online shop site for your country or your local reseller for pricing.

What's different about C++Builder versus competing products?

C++Builder is the only RAD C++ IDE for Windows 2000, XP, and Vista. C++Builder not only runs on all three platforms, but also lets you develop for any of the three. For example you could be running Windows 2000 while developing an application for Vista. This gives you the flexibility to run the OS the best suits your needs, while still developing for all the platforms.

Why do I need to install the Microsoft .NET 2.0 runtimes and SDK with C++Builder 2009?

Some of the functionality of the IDE requires these software packages.

Will my users / customers need the .NET runtimes / SDK in order to run my apps?

No. Applications produced with C++Builder 2009 do not require any .NET runtime support. The product produces pure native Win32 applications.

What is the difference between C++Builder 2009 and Turbo C++ 2006?

The Turbo editions are designed for beginners, students, hobbyists, and occupational developers. The future feature sets of the Turbo editions will reflect that. C++Builder 2009 is part of the Studio family of products, and thus designed for the professional developer. In addition, C++Builder 2009 is two generations ahead of Turbo C++ 2006, and contains many more features and capabilities.



What are the differences between the ER/Studio Developer Edition data modeling capabilities in C++Builder Architect and the standard ER/Studio product?

The ER/Studio data modeling and visualization in C++Builder Architect is a subset of the full ER/Studio. C++Builder Architect doesn't include metadata import/export capabilities, reporting capabilities or access to ER/Studio team repository servers. The ER/Studio functionality in C++Builder Architect supports a specific set of databases in line with those supported by dbExpress.

Can I install C++Builder 2009 on machines with previous versions of C++Builder on it?

Yes, C++Builder 2009 coexists nicely with all previous versions of C++Builder.

Will applications build with C++Builder 2009 run on Win95/98/Me?

Because of the use of Unicode as the default string type, Windows 98, 95, and ME will not run applications produced with Delphi 2009. These operating systems do not support Unicode strings, and Microsoft has dropped support for them.

