

C++Builder XE3 64bit Sneak Preview 2012

SUMMARY

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Online Resources

- ⦿ <http://docwiki.embarcadero.com/RADStudio/XE3/en/Tutorials>
- ⦿ <http://www.embarcadero.com/rad-in-action/migration-upgrade-center>
- ⦿ <http://www.embarcadero.com/products/31-videos-in-october>
- ⦿ <http://www.embarcadero.com/coderage/coderage-7-c-sessions>

31 Videos in October

Thirty-one days in October, enough for 31 short videos on new features in XE3.

Embarcadero® RAD Studio XE3 is your developer force multiplier and the fastest way to build data-rich, visually engaging applications for Windows 8, Mac, .NET, Web and mobile. You can deliver applications 5x faster across Windows 8, Mac OS X including Retina display, and more.

See David Intersimone explain 31 new features in Delphi XE3, C++Builder XE3 and HTML5 Builder for your Windows, Mac, Web and mobile development. Links to the videos and a blog post with additional information are listed below.



EMBARCADERO THEATRE

NOW PLAYING:
OCT 2012 INTERNATIONAL RAD STUDIO FILM FESTIVAL
FEATURING DAVID I

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 Using the Windows 8 Style in VCL and FireMonkey apps This video covers using the Windows 8 Style in your VCL and FireMonkey 2	2 Adding Multimedia to your Windows and Mac Apps This video shows you how to use the new FireMonkey 2	3 Listing available devices in your Windows and Mac Apps This short video shows how you can list all of the audio and video	4 Capturing Audio/Video in Windows and Mac Apps This quick video shows how to add audio and video capture for	5 FireMonkey 2 Anchors, TFlowLayout and TGridLayout This video shows you how to use the new FireMonkey 2 (FM2)	6 FireMonkey 2 Location and Motion Sensor Components This RAD Studio XE3 video showcases FireMonkey 2's new

Featured Webinar

Cary Jensen has worked with Delphi developers around the world – including noted authors, leading third-party vendors, and front line developers – to learn how they approached their Unicode conversions, what challenges they faced, and what solutions they employed. Learn best practices for migration to Unicode in this informative webinar.

[Get Webinar Replay](#)

Learning about the new features

Each new version of RAD Studio introduces many new features. Here are a few sources of information on new features from recent versions.

- What's new in Delphi XE and C++Builder XE (RAD Studio doc wiki)
- RAD Studio XE Overview - Coding and Productivity
- RAD Studio XE Overview - Optimizing and Automating
- RAD Studio XE Overview - Multi-Tier, Cloud and Web
- Debugger Enhancements since Delphi 7 & C++Builder 6
- Delphi 2010 Compiler RTTI Enhancements (video)
- What's new in the VCL in Delphi and C++Builder 2010 (video)
- New Features in the RAD Studio 2010 IDE (video)
- Reasons to Migrate from Delphi 7 to Delphi 2009
- A Tour of Delphi 2009
- Building User Interfaces with Delphi 2009
- Using New Delphi Coding Styles and Architectures
- The New DataSnap in Delphi 2009

Updating third party components

If you use third party components, you may need updated versions for XE. Check these links for some of the third party components available:

[RAD Studio XE Compatible Third Party Tools & Components](#)

More resources on moving to Unicode

Unicode support was introduced in Delphi and C++Builder 2009. In addition to the product documentation, there are a number of good resources to ease your move to Unicode.

- Delphi in a Unicode World
- Delphi and Unicode
- Dr. Bob's Unicode page and 8 Unicode Tips
- Unicode Statistics Tool - evaluation tool for migrating applications

Moving from MIDAS to DataSnap

- New! DataSnap videos and white paper from Bob Swart
- Developing Multi-Tier Solutions using DataSnap (video)
- DataSnap REST Support for Web Applications (video)
- DataSnap Tooling (video)
- DataSnap information in the RAD Studio Doc Wiki

Migrating from BDE to dbExpress

- Converting from BDE to DBX (video)

Ready to upgrade to Delphi, C++Builder or RAD Studio XE?

- Buy an upgrade from the Embarcadero Online Store
- Buy an upgrade from an Embarcadero Partner
- Contact Sales for volume license pricing

Looking forward...

- Roadmap for RAD Studio, Delphi, C++Builder and Delphi Prism



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CodeRage™ 7 The Totally Technical Online Conference

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Delphi®
Developer Conference
November 6-8

C++
Developer Conference
December 10-12

CodeRage 7 - C++ Conference Sessions

Replay recordings for CodeRage sessions that you miss will be available on this page approx. 2 weeks after the conference concludes.

Mon, December 10 | Tue, December 11 | Wed, December 12

MONDAY, DECEMBER 10, 2012

Technical Session #1
6:00am - 6:45am PST

Migration from Client/Server to Multi-tier with DataSnap and C++Builder
DataSnap platform for multi-tier provides powerful capabilities for developers. Now it's easy to start a new multi-tier project with many variants of deployment. But sometimes the goal is to convert the existing Client/Server project into DataSnap version. Sometimes it needs the migration of the code style into pattern, typical for multi-tier programming. So we have a traditional project, implementing interaction with DBMS. How can we support migration? What should be easily change and what needs some refactoring? The presentation will consider the basic and reliable techniques, which will help you to upgrade the existing projects and get the

CODERAGE 7

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PAGE | DISCUSSION | VIEW SOURCE | HISTORY

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RAD Studio XE3

- XE3 Examples and Samples
- XE3 Libraries
- Main Page - XE3 Topics Wiki
- What's New in XE3
- Tutorials
- FireMonkey Application Platform
- Cross-Platform Applications
- Getting Started
- Steps In Developing a Project
- Key Application Types
- Win32 Developer's Guide
- Modeling Tools
- IDE Reference
- Delphi Reference
- C++ Reference
- Subject Index
- HTML 5 Builder

C++ Reference

This section contains reference material about using C++Builder in RAD Studio.

In particular, the **C++ Specifics** section in the **C++ Language Guide** describes various language-related features that distinguish the use of the C++ language currently supported **C++ features** and recommendations on **working with the default string type, UnicodeString**.

C++Builder Language Guide

- ▶ **C++ Language Guide**
 - ▶ ANSI Implementation-specific Standards
 - ▶ Lexical Elements
 - ▶ Language Structure
 - ▶ C++ Specifics
 - ▶ The Preprocessor (contains help for directives and macros)
 - ▶ Keywords, by Category
 - ▶ Keywords, Alphabetical Listing

C++Builder Reference

- ▶ **Command Line Utilities**
- ▶ **C Run-Time Library**
 - ▶ Format Specifiers in C/C++
- ▶ **C++ Error and Warning Messages**
- ▶ **C++ Class Explorer Topics**
- ▶ **Using CodeGuard to Debug C++ Applications**
- ▶ **Boost Libraries**
- ▶ The **Dinkumware Standard C++ Library** is provided separately in the RAD Studio online help.

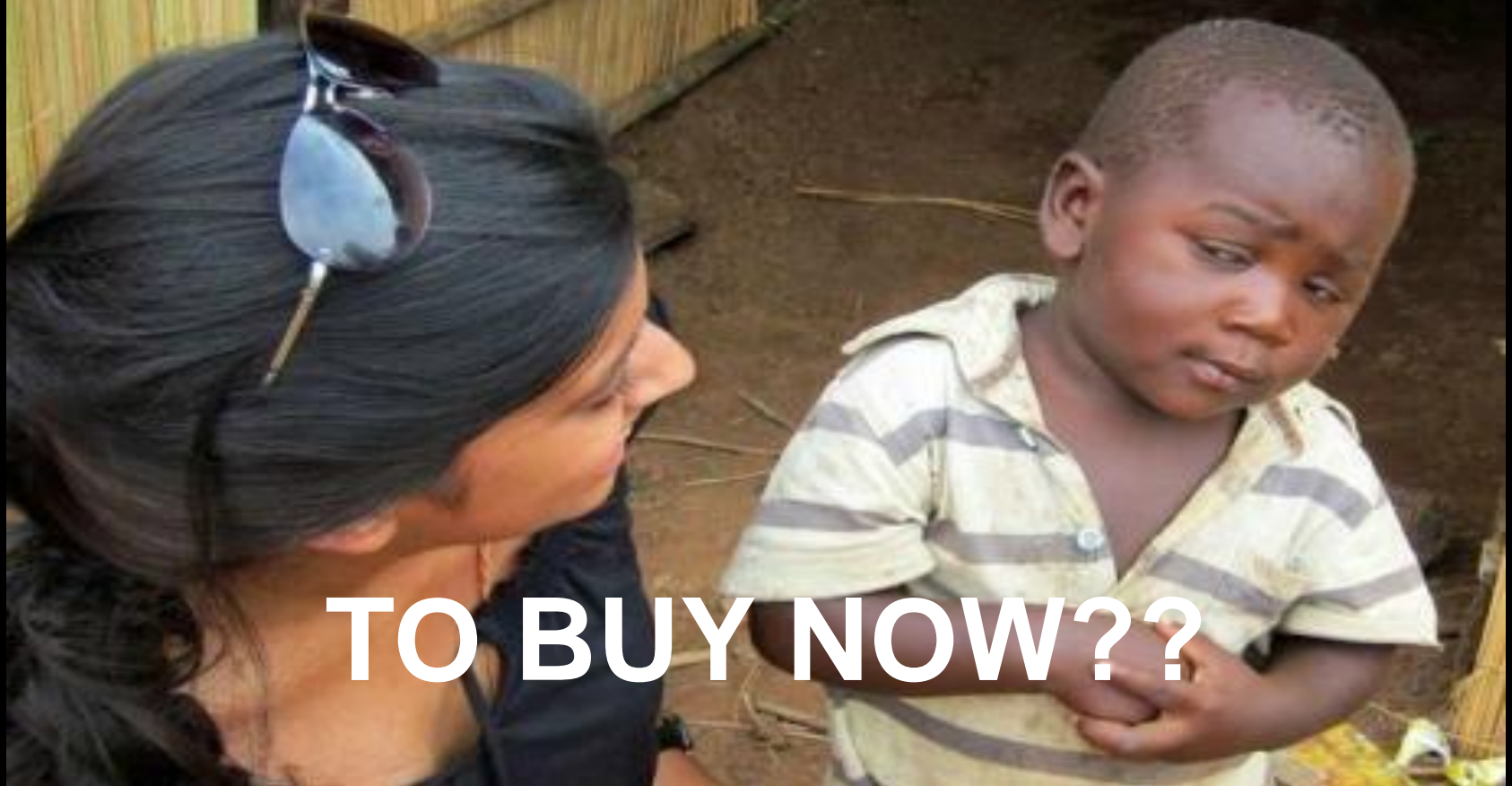


Eligible older versions

C++Builder XE3

- ⦿ C++Builder XE2
- ⦿ C++Builder XE
- ⦿ C++Builder 2010
- ⦿ C++Builder 2009
- ⦿ C++Builder 2007
- ⦿ C++Builder 6

SO YOU ARE TELLING ME

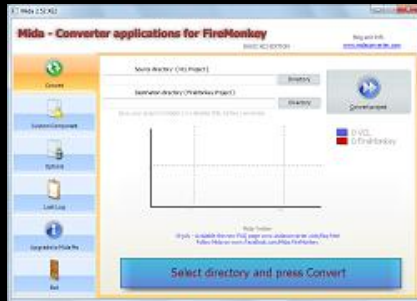


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- Free HTML5 Builder & more
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- Free C++Builder 64-bit upgrade



Mida Converter



TMS Grid



Premium Style



- Get NTD 10K worth in additional software free with purchase of Delphi XE3, C++Builder XE3 or RAD Studio XE3
- Bonus Pack includes: VCL to FireMonkey converter, FireMonkey grid control, and FireMonkey premium style
- Offer ends 28 December 2012

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Where to Download

HTML5 Builder

- <https://reg.codegear.com/srs6/promotion.jsp?promoId=23>

Free upgrade to C++Builder XE3 64Bit

- http://cc.embarcadero.com/reg/c_builder

Download Bonus Pack

- http://cc.embarcadero.com/reg/rad_studio

Download Previous Version

- <http://www.embarcadero.com/products/cbuilder/previous-versions>

What's more!

- ◎ Get additional 15% discount – strictly for attendees
- ◎ Get the FREE XE3 Chinese guide book from QCOM
- ◎ Get the Mobile Studio Beta Test

Questions?