



# Technical Note

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## Converting CIDA Reference Implementation from VS2008 to VS2005 C++

### 1. Overview

This document is intended to help the user convert the provided sample code from VS2008 to VS2005. The sample code is intended to demonstrate how to create a CIDA (CID Application). Additional coding will be required to talk to physical devices.

#### 1.1 Steps for converting the sample code

1. Open Visual Studio 2005.
  2. Create a new empty C++ Win32 Console Application.
  3. In the Win32 Application Wizard Application Settings page make sure to uncheck the Precompiled header option.
  4. Click Finish to complete and close the wizard.
  5. In the VS2005 main menu select Project | Add Existing Item...
  6. Browse to where the CIDA example code is installed.  
Typically this will be in "C:\program files\Kepware\KEPServerEX 5\Examples\Custom Interface Example Code",
  7. Select all the files and then click Add to add them to your project.
  8. At this point you should be able to compile the code for release.
  9. To use the sample in a CID project you will need to generate the XML configuration file from the project this is done by running the executable with the `-ExportConfig` switch.  
i.e. `cidrefimplcpp.exe -ExportConfig`
  10. Follow the instructions in the help file for using the example code in a project.
- ✓ YOU CAN CREATE A POST BUILD EVENT TO EXPORT THE CONFIGURATION.