



Guidelines for using 8PI Control Panel C/C++ examples

Files

Each programming example is composed of:

- a Visual Studio 2005 project, which can be downloaded as a compressed ZIP (.zip) archive. To use the project, simply unpack the archive with its full directory hierarchy. Each project archive contains all the files required to compile and run the provided examples.
- For quick reference, the source files is also provided separately, as .cpp file. These files are included in the project archive.

Development environment

Visual Studio 2005 or newer must be used to open the project files.

To open the project, load the solution file (*.sln) provided with each example.

To use the solution, open Visual Studio 2005 or newer and load file the solution file ADWG_Sample.sln.

Preliminary Steps

Before being able to use the examples:

1. copy a valid license file in directory ..\bin_vc80 of the project (example for ADWG project: ADWG_Sample\bin_vc80)
2. connect the GP / Xpress device

Building Your Own Application

To build you application from scratch, you need all files located the the include, bin_vc80 and lib_vc80 directories.

The include directory contains the header file needed to compile your application. In Visual Studio, the path to the include directory must be specified in the "Project Properties" > "Configuration Properties" > "C/C++" > "General" > "Additional Include Directories" > "..\include".

Directory lib_vc80 contain the library files. These are needed when linking you application. The path to the lib files must be specified in "Project Properties" > "Configuration Properties" > "Linker" > "Input" > "Additional Dependencies" > "..\lib_vc80*".

Finally, the bin_vc80 directory contains the DLLs and EXEs needed to execute you application. These must be copied to the directory where your application is executed.

Don't forget to also copy your license file into the execution directory.