



Can I use Borland's Delphi or Builder with DriverLINX?

Yes, DriverLINX can be used with Borland's compilers.

DriverLINX provides two application programming interfaces (API) for compilers: a DLL interface and an ActiveX interface. To use the ActiveX API of DriverLINX, the controls must first be imported to the compiler's IDE. The ActiveX API is, by far, easier to use than the DLL API (message processing and memory allocation is more automatic).

Providing examples for these compilers has proven challenging. Borland compilers seem to have a great deal of version dependencies. For instance, an example program written in Builder 4 Standard Edition will not necessarily work with Builder 5 Standard Edition (missing TPU files at compile time unrelated to DriverLINX). Additional dependencies manifest between the Standard, Professional and Enterprise editions of the compilers as well.

In general, these difficulties, if experienced, can be easily overcome:

1. generate a new project
2. open the source files (*.pas or *.cpp) of the example program in Notepad or other ASCII editor
3. copy and paste the DriverLINX code from the source files into your own project

Below is a table that summarizes DriverLINX ActiveX API compatibility with compilers from Borland:

Version	Builder	Delphi
3	Standard Edition or higher	Standard Edition or higher
4	Standard Edition or higher	Standard Edition or higher
5	Professional Edition or higher*	Standard Edition or higher
6	not tested	6.1 Professional Edition or higher

Version A12 of the DriverLINX APIs deploys Delphi examples in version 6.1 Professional (see \drvlinx4\system\drvlinx.log for installed version information). Additional examples in both Builder and Delphi are available from the software downloads section of the Keithley web site; to find these examples, check the model number of your board product as well as the model number of 'driverlinx'.

* Since Builder is a C/C++ compiler, it can make use of the DLL API of DriverLINX relatively easily. Builder 5.0 Standard Edition has been used successfully with the DLL API of DriverLINX.