

DSCIO Interface for Visual Basic .NET and C#

The DSCIO interface for VB.NET and C# are in the files DSCIO.VB and DSCIO.CS, respectively. The interface files are in the Beta directory on the DAPtools Software CD version 5.20. The latest version of Visual Studio tested with the interface files is Microsoft Visual Studio 2010.

Visual Basic .NET

If you are converting an old application from Visual Basic to VB.NET, note the differences described below.

- A variable of type `Short` in VB.NET is the same as one of type `Integer` in previous versions of VB. In VB.NET a `Short` is 2-byte and an `Integer` or a `Long` is 4-byte.

C#

The DSCIO interface for C# has the following differences from the support for C++ and VB:

- Since C# does not support `typedef`, `int` must be used for handles instead of `HDAP` and `HDSCGROUP`.
- The `TDscIoInt64` for 64-bit integer has been removed. C# uses native 64-bit longs.
- Unsigned longs become `uint`.
- `DscStructPrepare` does not initialize the `iInfoSize` field. The `iInfoSize` field must be filled directly with `Marshal.SizeOf(<item>)`.