

QUICK REFERENCE GUIDE

NI-VISA .NET Class Hierarchy Chart

The NI-VISA .NET class library is in the `NationalInstruments.VisaNS` namespace. This class library is included when you install the NI-VISA driver, and the NI-VISA driver is available at ni.com/downloads. This class library supports development in Microsoft Visual Studio 2010, Microsoft Visual Studio 2008, and Microsoft Visual Studio 2005.






The NI-VISA class library includes a set of classes that provides a rich, object-oriented interface to the NI-VISA driver. Use this library to quickly create bus-independent or bus-specific instrument control applications. The NI-VISA class library supports formatted I/O operations, locking, event handling, and interface-specific extensions. With this class library, you can access the functionality available in NI-VISA for communicating with message-based and register-based instruments using GPIB, IEEE 1394, PXI Serial (RS-232 and RS-485), TCP/IP, USB, and VXI.

If you have the Measurement Studio Professional or Enterprise Edition installed, you can use the Instrument I/O Assistant to help you write code that communicates with devices such as serial, Ethernet, or GPIB instruments. Refer to the *Walkthrough: Creating a Measurement Studio Instrument I/O Application* section of the *Getting Started with Measurement Studio* manual for step-by-step instructions on how to use the Instrument I/O Assistant.

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Legend

	NI-VISA Class
	Microsoft .NET Framework Class
	National Instruments Namespace
	NI-VISA Interface
	Bold text denotes a top-level type that you frequently create

