

ActiveXperts Networking Components

Networking Components and Toolkits for Windows Operating Systems

ActiveXperts®
software
www.activexperts.com

Adding communications capabilities to an application is never a simple matter. It requires specialized knowledge that might be outside an individual programmer's expertise. For years, VBScript, Visual Basic and Visual C++ developers have relied upon the power, flexibility and reliability of the Networking Components and Toolkits of ActiveXperts Software. Today, a new generation of .NET developers is taking advantage of the ActiveXperts components.

■ ActiveSocket Network Communication Toolkit

ActiveSocket is an ActiveX/COM component that implements IP-based protocols. Use ActiveSocket to enhance your Windows applications or scripts with networking functionality.

ActiveSocket implements the following network protocols:

- § ICMP – ICMP/Ping is one of the most commonly used utilities on the Internet. Use it to perform several useful network diagnostics.
- § HTTP(s) – read web headers and web pages. Supports proxies, secure sites and password protected sites.
- § FTP – download/upload files, list directories. Supports binary- and ASCII transfers. Supports passive- and active mode.
- § TCP and UDP – basic IP protocols. Can be used to write your own client/server application.
- § RSH – execute a command on a remote host. Read 'stdin' and 'stderr'.
- § IPtoCountry – translate IP address to country.
- § NTP – query an NTP server and retrieve the accurate time.
- § SNMP – query SNMP enabled computers/devices. Walk through an SNMP MIB tree. Supports SNMP v1 and v2c.
- § SNMP Traps – send SNMP traps to SNMP management systems; receive SNMP traps from (remote) SNMP agents.
- § Wake-on-LAN – 'power on' a PC remotely.

ActiveSocket works with any Windows development platform:

- § Visual Basic .NET and Visual C# .NET.
- § ASP .NET (VB/C#) and ASP 2.x.
- § Visual Basic 5.x (or higher), Visual C++ 5.x (or higher).
- § VBScript and VBA (Visual Basic for Applications).
- § Borland Delphi 7 (or higher), C++ Builder 6 (or higher).
- § HTML, ColdFusion, PHP.
- § Any other OLE container platform.

ActiveSocket is thread-safe, which means that it can be used by multi-threaded applications. The product includes sample source code for various development platforms. The product runs on Windows Vista, Windows 2003, Windows 2000, Windows XP and Windows 98.

Visit www.activexperts.com/activsocket for more information.

■ ActiveComport Serial Port Toolkit

ActiveComport is an ActiveX/COM component, that provides an easy-to-use programming interface for serial, asynchronous communications through a serial port. ActiveComport can control modems, ISDN modems, USB serial devices and other devices and machines that have a serial interface.

ActiveComport features the following:

- § Support for direct COM ports supported (like 'COM2').
- § Support for Windows Telephony Devices (TAPI).
- § Support for RS-232, RS422 and RS485.
- § Up to 256 ports opened simultaneously.
- § Thread-safe to allow the toolkit in multi-threading environments (multi-threading samples included).
- § Support for Hayes compatible modems.
- § Support for GSM/GPRS modems.
- § Support for Virtual COM ports (i.e. COM ports redirected through the network).
- § Hardware flow control (RTS/CTS, DTR/DSR).
- § Software flow control (XON/XOFF).
- § Support for any baud rate.
- § Ability to set baud rates, parity, stop bits.
- § Full buffered data transfer.
- § Text and binary data transfer.
- § Advanced logging.

ActiveComport works with any Windows development platform:

- § Visual Basic .NET and Visual C# .NET.
- § ASP .NET (VB/C#) and ASP 2.x.
- § Visual Basic 5.x (or higher), Visual C++ 5.x (or higher).
- § VBScript and VBA (Visual Basic for Applications).
- § Borland Delphi 7 (or higher), C++ Builder 6 (or higher).
- § HTML, ColdFusion, PHP.
- § Any other OLE container platform.

ActiveComport includes sample source code for various development platforms.

The product runs on Windows Vista, Windows 2003, Windows 2000, Windows XP and Windows 98.

Visit www.activexperts.com/activcomport for more information.

Download your evaluation version at <http://www.activexperts.com/download>

Requirements: Windows NT / 2000 / XP / 2003, 10MB of free disk space and 128MB RAM (192MB recommended)

■ ActiveEmail SMTP/POP3 E-mail Toolkit

ActiveEmail provides an easy-to-use programming interface to SMTP and POP3 e-mail communications.

It's perfectly suited for situations in which e-mails need to be sent automatically, or in batches, from applications, web servers, or from the command-line, or where incoming mails need to be received and processed.

ActiveEmail SMTP/POP3 Toolkit features the following:

- § Send messages using SMTP.
- § Receive messages using POP3.
- § Multiple recipients (To, CC, BCC).
- § Multiple attachments (ASCII and binary).
- § Rich Text message body formatting (HTML).
- § Embedded objects in message body, like sounds, images.
- § Unicode support; multiple character sets (to support foreign languages), including Arabic, Japanese, Chinese, Korean, Turkish, Russian, Hebrew, Vietnamese and more.
- § SMTP authentication, supporting AUTH PLAIN, AUTH LOGIN and AUTH CRAM-MD5 login algorithms.
- § POP3 authentication, supporting Plain Text and APOP3 authentication.
- § POP3 header download.
- § Mail Queue to improve performance, or to allow clients that do not have a direct connection to the SMTP server.
- § Support for 7/8 bit, quoted-printable and base64 encoding.
- § Detailed error descriptions.
- § Advanced tracing (for troubleshooting purposes).
- § Windows Event Logging.

ActiveEmail works with any Windows development platform, including:

- § Visual Basic .NET and Visual C# .NET.
- § ASP .NET (VB/C#) and ASP 2.x.
- § Visual Basic 5.x (or higher), Visual C++ 5.x (or higher).
- § VBScript and VBA (Visual Basic for Applications).
- § Borland Delphi 7 (or higher), C++ Builder 6 (or higher).
- § HTML, ColdFusion, PHP.
- § Any other OLE container platform.

ActiveEmail is thread-safe, which means that it can be used by multi-threaded applications. The product includes sample source code for various development platforms.

ActiveEmail runs on Windows Vista, Windows 2003, Windows 2000, Windows XP and Windows 98.

Visit www.activexperts.com/activemail for more information.

■ ActiveXperts Scripting Toolkit

ActiveXperts Scripting Toolkit is an ActiveX/COM component. It enables IT administrators and Software Developers to call VBScript functions without invoking the 'Windows Scripting Host'. Normally, you call VBScript programs by invoking the 'Windows Script Host' (either WSCRIPT.EXE or CSCSCRIPT.EXE). The ActiveXperts Scripting Toolkit directly communicates with the VBScript Engine of the operating system.

Some of the benefits of using ActiveXperts Scripting Toolkit:

- § Use the function results directly in your code, without redirecting standard error and standard output.
- § Call functions directly instead of writing 'stub' code - the results of the functions are available for direct use after the function completes.
- § Pass function parameters dynamically - pass the function parameters 'on the fly', directly from your own application or script.
- § Set a time-out to prevent functions from running in an endless loop.
- § Intercept program errors that would normally crash the Windows Scripting Host.
- § Customize your error messages.
- § Support for Windows Services - you can call a VBScript function directly from a Windows Service.

Some of the ActiveXperts Scripting Toolkit features:

- § Call functions directly; pass up to 8 parameters.
- § Full Function return info and Script completion info.
- § Ability to set a time-out, useful for 'hanging' scripts.
- § Robust script handling - bad scripts that would usually make a sub-system crash are intercepted by this toolkit.
- § Thread safe - the Toolkit can be used in any multi-threading (and multi-processing) environment.
- § Support for Windows Services.
- § Advanced error handling, advanced logging.

ActiveXperts Scripting Toolkit works with any Windows development platform, including:

- § Visual Basic .NET and Visual C# .NET.
- § ASP .NET (VB/C#) and ASP 2.x.
- § Visual Basic 5.x (or higher), Visual C++ 5.x (or higher).
- § VBScript and VBA (Visual Basic for Applications).
- § Borland Delphi 7 (or higher), C++ Builder 6 (or higher).
- § HTML, ColdFusion, PHP
- § Any other OLE container platform.

Visit www.activexperts.com/axscript for more information.

Download your evaluation version at <http://www.activexperts.com/download>

Requirements: Windows NT / 2000 / XP / 2003, 10MB of free disk space and 128MB RAM (192MB recommended)