

SocketWrench Sample Programs

There are four sample Visual Basic programs distributed with the SocketWrench custom control. To examine and use these programs, open the project make file from within Visual Basic.

GENERIC

This project is the sample program described in *An Introduction To TCP/IP Programming With SocketWrench*. It establishes a connection with an echo server on a remote host and also functions as an echo server for other applications.

TCPECHO

This project is a more general implementation of the GENERIC sample program. It allows you to specify the remote host to connect to and the port number to use. A menu option can also be set which allows the program to act as an echo server as well as a client.

UDPECHO

This project is a variation on the GENERIC sample, but it uses UDP instead of TCP to exchange data. The primary difference with UDP is that it's a connectionless protocol, where packets can be sent and received by any peer on the network without establishing the traditional client-server relationship.

TINYFTP

This project implements a small FTP (File Transfer Protocol) client which can be used to exchange files between systems. This sample demonstrates the basic logic that's used to connect to an FTP server, send and parse commands and establish the data connection.

TELNET

This project implements a small TELNET client which can be used to login to a remote host, and demonstrates the option negotiation between the client and server.