

ADserver

***Supplementary Program for the
Real-Time Development Tool
ADbasic***

Version 1.0

June 1998

***Real-time processing, accurate to a microsecond
- quick and easy to program***

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1 Operating **ADwin** systems in a network

1.1 A brief overview

An **ADwin** board, which is located in a network server (e.g. LAN, ISDN, Internet, ...), can be operated and monitored from any network server (even from several servers at the same time). The computer to which the **ADwin** system is connected is called as follows host or server. A computer which accesses the **ADwin** system via network is called desktop computer.

The program **ADserver** which is included in **ADbasic** has to be started on the server, so that a desktop computer will be able to access an **ADwin** system connected to a server.

2 Calling the program and getting connected

2.1 Calling the program

- ♦ **ADserver** has been automatically installed after installation of **ADbasic**: Directory C:\ADbasic3\ADserver.exe.

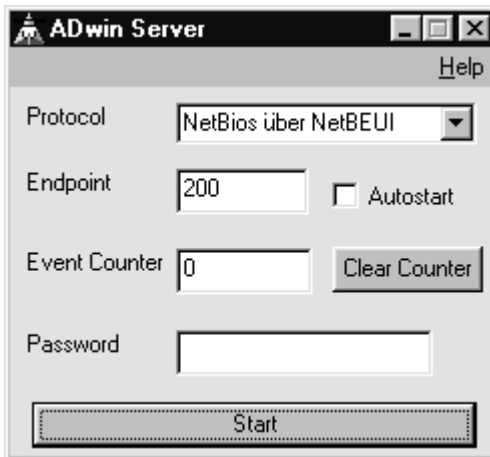


Fig. 2-15: The window **ADwin Server**

2.2 Getting connected

In this chapter you will find a description of the buttons, text fields, and selection lists. Please read this chapter carefully, before you try to establish the connection between the server and the desktop computer.

Note: A more detailed description about the different ways to enter and select is available in English language in the help menu.

Protocol

Please select from this list the protocol that is installed in your network.

Endpoint

Enter here the endpoint of your network protocol

Protocol	Endpoint
NetBios via NetBEUI	number between 32 and 255
IPX via NetBEUI	number between 32 and 255
TCP via NetBEUI	number between 32 and 255
TCP via IP	16 bit character
named pipes	name
SPX	16 bit character
DECnet	object name or number with the identification # (e.g. #27)

Event counter

Here you can see the number of calls which are connected to the computer defined as server, since the moment of getting connected or since the moment when the 'clear counter' button has been pressed.

'Clear Counter' button

Button to set the event counter to zero.

Autostart

If you have selected the selection box, the server will be started automatically with the settings made before, provided that the server could be started correctly with these settings.

Password

You can enter a password in this field. You are asked to enter this password each time you get connected. Please, pay attention to the upper and lower case.

'Start' button

With the 'Start' button the server is started.

After the start has been successful the message "ADwin Server started" appears on the title bar of the **ADshow** main window.

The server has to be connected to the desktop computer so that from now on every desktop computer will be able to get access to the logged-on server or the logged-on **ADwin** system. This is made for instance

- by using the **ADbasic** menu **Options** ⇒ **Connect**,
- by using the function NetConnect from the **ADwin**, Visual Basic, Delphi, C or TestPoint drivers or
- by using the **ADshow** menu **File** ⇒ **Options**.

After getting successfully connected, the **ADbasic** software on the desktop computer operates as if the **ADwin** board is integrated in this computer.