

Quarterdeck WebServer

Release 1.0

This document contains important information that may not be available in the Quarterdeck WebServer manual, or on-line Help.

How this trialware works: Quarterdeck WebServer trialware is a fully featured product, which expires 30 days from the time you initially install it. You may purchase Quarterdeck WebServer at any time during those 30 days by closing down the web server and following the on-screen instructions (modem required) or by contacting Quarterdeck directly at (800) 354-3222. You will be able to purchase Quarterdeck WebServer for a reduced price of \$119.95, plus shipping and handling charges, and will receive a full product by mail.

Table of Contents

Overview
Installation and Setup Notes
Windows NT 3.5 and Windows 95 Support
Tips for Internet Use
Trouble Shooting Tips

Overview

Thank you for trying Quarterdeck's WebServer for Windows! We at Quarterdeck Corporation are proud to offer version 1.0 of the Quarterdeck WebServer. This is just one of Quarterdeck's Internet line of products that makes it easy to publish and find information on the Internet, as well as send and receive electronic mail. Quarterdeck is well known for making computing easier by creating products for the beginner as well as the expert user. The Quarterdeck WebServer is no exception to this.

Using the Quarterdeck WebServer, you can set up your own personal Internet web site. The Quarterdeck WebServer is also ideal for *intracompany* use, such as serving up human resource policies. When using the WebServer as an intracompany web server, an Internet connection is not required.

Once the Quarterdeck WebServer is installed, you can use WebAuthor, Quarterdeck's HTML authoring tool, to create and maintain your web site's HTML documents. If you are shopping for a web browser product, please try Quarterdeck's QMosaic.

Quarterdeck WebServer features include:

A graphical user interface (WebServer Setup Utility) that allows you to easily customize your web server for administration/logging, document management, user access, script management and network configuration,

Thorough on-line help, written documentation, and sample web pages,

Support for 16 simultaneous connections,

Efficient, cooperative multi-threading design that eliminates that need for a "dedicated" server machine,

Support for Image maps and "fill-out" forms,

Log files that track all WebServer activity,

WinSock 1.1 compliant,

Support for asynchronous processing.

One way in which you can help us make this the best product of its kind is to *let us know what you think!* If you have a feature that you think we should add, or even a minor suggestion, please do not hesitate to let us know. We always listen to our customers! Your feedback allows us to create even better products.

You can contact Quarterdeck via the following E-Mail addresses:

Technical Questions and Comments: SUPPORT@QDECK.COM

Product Information: INFO@QDECK.COM

General WebServer and World Wide Web Questions: WEBMASTER@QDECK.COM

Installation and Setup Notes

The Quarterdeck WebServer comes with an automated installation program that completes all necessary WebServer configuration for you, as part of the installation. When the WebServer installation has completed, simply reboot your machine, restart windows and you are ready to run the WebServer.

When installing the WebServer on a LAN based network (with or without Internet connectivity), the WebServer requires a TCP/IP stack with a 1.1 compliant WinSock. Internet connectivity is not required if you plan to use the WebServer as an intracompany web server. If you do not already have a TCP/IP stack, you can chose to install the Lan Work Place TCP/IP stack that comes with the Quarterdeck WebServer. The installation of the TCP/IP stack has been integrated into the WebServer installation as an optional component.

If you plan on making your WebServer available on the Internet via a dial-up connection (phone line), you must have a SLIP/PPP based Internet account. When you establish a SLIP/PPP account, your Internet service provider will supply you with the actual SLIP/PPP software. This SLIP/PPP software must be used in place of the TCP/IP software that is provided with the WebServer. The TCP/IP software supplied with the WebServer is not compatible with a dial-up connection.

To make your web site publicly available on the Internet, you must have an Internet connection. If you do not already have an Internet connection, you can establish one through your local Internet Service Provider (ISP). There are a number of options available when it comes to choosing the type of Internet connection you want. Some of the more common ways to connect to the Internet include modem connection, ISDN connection, fractional T1 connection and full T1 connection. To obtain more information on these options, contact your local Internet Service Provider.

Windows NT 3.5 and Windows 95 Support

The Quarterdeck WebServer for Windows 3.x will run as a 16 bit application under Windows NT 3.5 and the current Windows 95 beta.

Stayed tuned to Quarterdeck for information on Quarterdeck's new 32 bit WebServer for Windows NT and Windows 95 which will be available later this year.

Tips For Internet Use

If you plan on connecting your WebServer to the Internet, you can tune its performance by doing the following:

Use the WebServer Setup utility to disable the "Fancy Listings" feature found on the Directory Listings screen. Disabling this option prevents icons from being used in server-generated

directory listings. When icons are used in directory listings, each icon requires a separate request from the web browser. Turning off this option reduces the number of server requests required to create a directory listing.

Use the "-i" command line parameter when starting the WebServer. This will disable the "host name lookup" feature. By default, when the WebServer receives a request, it does a "host name lookup" to retrieve the name associated with the address of the host making the request. The host name, rather than the IP address, is used in the WebServer log files. WebServer performance can be significantly improved by disabling this feature. When this feature is disabled, full IP addresses, rather than host names, must be specified when defining security access permissions. In addition, IP addresses will be used in the WebServer log files.

Setting the Time Zone Environment Variable

You can customize the Time Zone environment variable to accommodate Day Light Savings Time by changing the Time Zone value set by the WebServer installation process to the following format:

TZ=tnz[+ | -]hh[:mm[:ss]][dzn]

where tnz is a three-letter time-zone name such as PST,

followed by an optionally signed number, + - hh, that gives the difference in hours between Universal Coordinated Time (UCT) and local time.

To specify the exact local time, the hours can be followed by minutes (mm), seconds (ss) and a three-letter daylight-saving-time zone (dzn) such as PDT.

Example: PST8PDT would represent Pacific Standard Time, 8 hours offset from UCT, Pacific Daylight Savings Time.

Trouble Shooting Tips

Following are answers to frequently asked questions regarding the Quarterdeck WebServer.

Q. The WebServer will not start. How can I determine what is wrong?

A. During initialization processing the WebServer creates a log, HTTPD.LOG, in its installation root directory. This log will contain an error message explaining why the WebServer was not able to successfully start. The most common WebServer startup problem is a missing Time Zone environment variable (TZ).

Q. The WebServer will not start and the log file contains a WSA... error message (WinSock error message).

A. You do not have enough conventional memory available to run the WebServer.

Q. Nothing happens with I press the Keyword button on the Setup utility main window.

A. Once the Keyword dialog has been activated, it can become hidden behind other windows, giving the impression that it has been closed. However, when you try to open it again, it appears to not start. This is because it is already open but hidden behind another window.

Q. The WebServer demonstration contained in the sample web pages does not work.

A. Make sure that you are not viewing the sample web pages in your browser's local file mode. When

viewing the sample WebServer HTML documents use the scheme "http:" to access to sample WebServer HTML documents.

For example, from your web browser, open the following URL:

```
http://yourserver/index.htm
```

where *yourserver* is the name of the server machine that the WebServer is running on.