

Welcome To Terrapin FTP Browser v2.3

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1. System Requirements/Upgrades

System Requirements:

Windows 95/NT4
32 bit Winsock connection

Upgrades:


We are continuously developing Terrapin FTP Browser and updates are regularly posted on our web site:

<http://www.tpin.com>

Within the FTP section there is a Users subsection. There you will find all the information on builds and build history so you can find out what the latest release is and what additional functionality has been added.

2. Quick Start

2.1 Viewing Site Maps

Terrapin FTP comes with a few example Site Maps to illustrate the concept. To view a Terrapin Site Map select **Server Open** from the menu or click the  icon for the toolbar short cut.

Try selecting gutenburg.svr. Once opened you can navigate the site in the same way you view files on you local computer using Windows™ Explorer.

All folders that are yellow form part of the Site Map and can be browsed off-line. To view the contents of grey folders you will need to be connected to the Internet. Once a grey folder is opened it turns yellow and can then be viewed again off-line as part of the Site Map.

The Gutenberg server contains a host of electronic literature. If this is of interest the file path is /pub/etext/gutenberg/ In the folders etext90 to 97 you will find everything from JFK's Inaugural Address to the

works of Shakespeare. The index files have already been applied so you can see a description of the file contents.

Note that the examples may have been created some time ago and the catalogues will not have been refreshed. Some files and folders may not still exist or the site may have been restructured. Refresh the folders if you want to be sure.

2.2 Connecting to a New Server

Select **ServerNew Connection** from the menu or click the  icon for the tool bar short cut.

The New Connection dialog will appear. Simply type in the ftp URL (Uniform Resource Locator) of the server you wish to connect to.

The default login uses the 'anonymous' standard. The anonymous login is well established and there are a tremendous amount of servers throughout the Internet that offer this facility (e.g. the Gutenberg server above)

If you want to connect to a server that has restricted access you will need to type in the correct name and password. This could be to upload your web page to your ISP's server for example and they will provide the user name and password which allows you to login.

Once you have connected and browsed a server, Terrapin FTP will prompt you to 'Save Changes' when you exit. Clicking the save option will create a Terrapin Site Map which you can then browse off-line whenever you wish.

3. Key Features of Terrapin FTP Browser 2

Web Upload Wizard - If you want to publish a web site on the Internet then Terrapin FTP has a complete upload wizard that will take you through all the steps necessary to publish your site. Select **Server... Publish Web Site...** from the menu.

The wizard also has an HTML Link Checker which will inform you if links to other pages or images have errors. If errors are found you will be given the opportunity to fix them before transferring the files.

Work Off-line. Whenever you visit an FTP site, information is collected on the directory structure and files held on that computer. If you save the site map then your next visit is off-line.

Note: site maps hold information about directories and files - not the files themselves. If you retrieve a file from a site map then the transition between working off-line and on-line is seamless.

Drag and Drop Files. Drag and drop just as you do in Windows™ Explorer. Many files can be transferred in one operation. If you are working off-line then Terrapin FTP Browser will attempt to connect.

View Files As They Are Downloaded. Files can be viewed as they are downloaded. Not what you want? Then cancel the transfer. Double click the view window to expand and save the file if you want to keep it.

Restart Failed Transfers. If a file transfer failed (and the remote computer supports restarts) then restart the transfer from the point of failure. You can restart failed transfers after you have closed and reopened Terrapin FTP Browser.

Archie Search. Search the Internet for a file. There are a number of alternative options available once the search has been performed e.g. Get File, drag drop results to window, save results, add new search results to old without duplication etc.

Tag Files for Download. Tag many files for download across many directories. Get them all in one on-line transaction.

Retrieve and Launch. By default double clicking a file will download it and launch its associated Windows™ program. Files which you have already downloaded will be launched directly from your hard disk without needing to connect.

Local File Indicators. To help navigation of your Server Site Maps, when a file is retrieved, a Local Indicator icon is displayed next to the file icon. The icons also indicate if the file on the remote computer is newer than the one held locally..

Co-operation with your Web Browser. If you drag an FTP URL to the Terrapin FTP from your Web browser, Terrapin FTP Browser will connect to that site and go straight to the relevant directory. Use Terrapin FTP Browser v2 to download files - its quicker, can be restarted, and there may be something else on that computer which interests you.

Record your actions off-line and play back. Want to get many files from many computers and refresh a few directories in one on-line transaction. Terrapin FTP Browser allows you to record most actions which can be done on-line and play back. Macros can be edited and sophisticated program control logic added. Macros are saved and be re-used again and again.

4. New Functionality for Version 2.3

- HTML Link Checker with multiple link views and quick HTML editor
- Web Upload Wizard
- support for NetWare v4
- support for native AS400
- manual change of directory option
- option to copy only the contents of a directory on directory drag drop
- improved performance of local file view

Enhancements for Version 2.2

- view of the local file system and all that it entails (this view can be switched on/off from the toolbar)
- drag drop directories
- resume transfers after shut down
- recursive delete of sub-folders
- reconcile local and remote directories
- firewall support (go to View...System Options)
- custom or quoted commands (go to Tools...Custom commands)
- sounds (user defined under View...System Options)
- file date optionally preserved on retrieval
- optionally use external viewer to view files
- optionally password protect site maps
- optionally keep retrying if connection fails
- blank initial directory logs into server specified home directory
- support for login Account
- drag drop between servers (transfers directly between the servers if they allow it)
- move/copy files between directories on a server
- right click drag drop with additional transfer options
- dropped connection detected and connection status amended accordingly
- transfer time remaining calculation corrected
- 'Save Site Map' requested for any change to current site
- enhancements to file view window (files of any size may be safely viewed)
- lock-up when scrolling log window fixed
- support for NTS winsock
- default set of custom commands
- default sound files

- a few dialog box enhancements (eg: play before selecting sounds)
- add command extensions to List command
- resolving Links on UNIX servers
- option to show hidden files
- option to wrap pathnames with spaces
- drag drop of root directory retrieval
- drag drop on to drive
- convert file names to upper case on send
- option to view only files that are new or have been modified.
- Rename folders/files added to menu
- Connect/Disconnect options
- Support for http:// proxy

5. Registering/Contacting Terrapin

Registering Terrapin FTP is easy and the price is only \$34.95 US Dollars or £19.95 UK Pounds per user license.

Once you register your copy we will issue you with a registration code which will unlock this 30 day evaluation copy.

As a registered user you will be entitled to free email support. You will also be entitled to upgrade to future releases of the software free of charge

Many of the latest features included in version 2.3 were suggested by our customers. We value your input and encourage registered users to put forward requests for future development. In this way we can make sure Terrapin FTP Browser continues to provide the functionality you want Terrapin Internet may be contacted on:

inquiries@tpin.com

There are a number of ways you can register Terrapin FTP Browser:

5.1 Registering in Europe

1) On the opening splash screen there is an option to Register. This form will be submitted using the Secure Sockets Layer Protocol (SSL) and will be sent to us using PGP encrypted email. All major credit cards are accepted.

2) Select **HelpRegister** from the main menu.

3) Register at our web site. There is an on-line registration form which also uses SSL and PGP.

<http://www.tpin.com>

4) By phone. If you would prefer to register by telephone Terrapin Internet Limited can be contacted on:

+44 (0) 1423 530 860

5) By cheque. We will accept cheques in your local currency. A £5 administrative charge is added to registrations by cheque due to the additional costs involved. A list of major currency conversions is available on our web site by taking the 'Register' link. If your currency is not listed then please email us at:

sales@tpin.com

Cheques should be made payable to:

Terrapin Internet Limited

and should be sent to:

**Terrapin Internet Limited
Salisbury Chambers
2 Albert Street
Harrogate
North Yorkshire
HG1 1JG
England**

5.2 Registering in the USA and Canada

- 1) On the opening splash screen there is an option to Register. Follow the link to our web site in the USA.
- 2) Select **HelpRegister** from the main menu and follow the link to our web site in the USA

<http://www.us.tpin.com>

- 3) By phone. If you would prefer to register by telephone Terrapin USA can be contacted on:

+1 (402) 464 6459

- 4) By check. We accept checks drawn on a Canadian or US bank.

Cheques should be made payable to:

Terrapin USA

and should be sent to:

**Terrapin USA
4140 Greenwood St
Lincoln, NE 68504-1962
USA**

6. Statement of Year 2000 Compliance

Summary

The transition from 1999 to the year 2000 does not impact the operation of Terrapin FTP.

Year 2000 is recognised by Terrapin FTP as a leap year.

Risk dates including 9 September 1999, 31 December 1999, 1 January 2000, 29 February 2000, 1 March 2000, 31 December 2000 and 1 January 2001 are correctly processed in all circumstances by Terrapin FTP.

All dates are presented to the user in an unambiguous form. In certain circumstances years are presented in 2 digit form, however, the interpretation of the century is unambiguous in all such circumstances.

Caveats

The above statement is restricted to Terrapin FTP versions 2.2.1 and later running in a Year 2000 compliant environment.

A Year 2000 compliant environment comprises:

1. A host PC BIOS which is year 2000 compliant
2. A host operating system which is certified by Microsoft as being year 2000 compliant
3. A host TCP/IP stack which functions identically when operating prior and post midnight 31 December 1999
4. A connection to an FTP server which functions identically when operating prior and post midnight 31 December 1999

Terrapin FTP protects against a degree of non-compliance in the FTP server to which it is connected. All dates returned by an FTP server are validated. Invalid dates or dates lying outside the window 1970 - 2038 are rebased at the current system date. Centuries are assumed for dates served without century information to place the date in the valid date range. This protection will ensure that the Terrapin FTP core file transfer functions will not be effected by minor non-compliance in the FTP Server. Subsidiary functions including Terrapin FTP's ability to determine the relative age of copies of the same file held locally and on a FTP server may be impacted if inaccurate date information is provided by an FTP server.

Terrapin FTP does not protect against non-compliance in an FTP Server, where non-compliance impacts the servers ability to process the standard FTP command set, or results in it returning non-standard responses to FTP commands.

This statement in no way affects the rights or remedies afforded to a Terrapin FTP user by the End User License Agreement supplied with the product.

This statement should not be treated as a substitute for end-user verification of year 2000 compliance of their systems. If Terrapin FTP is being used to support business processes where financial loss may occur through non-operation of the system then the end-users should take reasonable steps to ensure correct operation of the system post Year 2000 compliance within their environment.

Date Usage within Terrapin FTP

Dates are processed and persistently stored by Terrapin FTP as follows:

- last modification dates of files on a remote server are displayed when a user views the contents of a remote directory
- last modification dates of files on a remote server are retained in a site map of the server
- last modification dates on the local file system are displayed when a user views the contents of a directory on the local file system
- the date of the last retrieval of a file are retained in a site map of the server
- the date of the last upload of a file are retained in a site map of the server
- the date of the last refresh of site map retained directory contents are retained in a site map
- the last modification dates of remote and local copy of files and the last transfer date are used to determine the relative ages of files on the local file system and ftp server. The relative age of local and remote copies of a file are used to determine whether a file is transferred in certain transfer operations
- the last refresh date of site map retained directory contents is used to determine the next date on which a refresh of the directory will be requested from the user
- the dates of file transfers are used to summarise transfer statistics

Internal Date Formats Terrapin FTP

Terrapin FTP processes and persistently stores dates in the following formats:

- 31 bit julian date with a base date reference of 1 January 1968 GMT and 1 second time interval
- Windows SYSTEMTIME format (includes a 16 bit description of the year)
- 64 bit julian date a base date reference of 1 January 1601 GMT and a 100 nanoseconds time interval

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