WinQVT/Net
Release Notes

<u>Version 1.31</u>

1. The 'Standard Window' and 'Tall Window' options have been added to the 'Setup' menu. This feature allows you to switch between a normal 24-line window, and a 'tall' window that is sized to contain as many lines as the screen will allow without overflow.

2. Ftp will no longer 'hang' if an attempt is made to connect to a host which is nonexistent or unavailable. If a connection cannot be made in a reasonable period of time, the attempt will be abandoned.

3. The 'lpwd' command has been added to ftp.

4. The ftp window will now redraw when restored or exposed.

5. The scrolling function has been fixed so that a partially occluded window will scroll properly.

6. When the 'ANSI' character set is selected, the fixed-width system font will be used instead of the proportional system font (bug fix).

<u>Version 1.4</u>

7. Support has been added for 'rcp'. This allows you to remotely copy files from and to the PC using the host-based 'rcp' command.

8. Anonymous FTP users can now use the command 'cd ..' to move up one directory level, until the directory specified by the 'anonftp_dir' directive is reached. This makes it possible for anonymous users to easily move up and down a directory tree. Anonymous users are still prevented from logging to directories which are not part of the tree specified by 'anonftp_dir'.

9. The keyboard handler has been modified for better compatibility with non-US keyboards.

10. A bug has been fixed which resulted in sessions being left alive if WinQVT/Net was shut down as part of a general shutdown of Windows.

11. The architecture of WinQVT/Net's user interface has been overhauled. WinQVT/Net now begins by bringing up a 'Console' window. This window serves two purposes: first, it is the point from which all new Telnet and FTP sessions are launched; second, it provides a display area for error messages. Another benefit of the console-based architecture is the ability to start WinQVT/Net simply for the purpose of running the background FTP server (i.e., no Telnet or FTP).

WinQVT/Net now starts up by displaying the console window in the upper-right-hand corner of the screen. Sessions are initiated from the 'Services' menu.

To start a Telnet session, click on 'Services', and select the 'Telnet' menuitem. The list

of available configurations will be displayed, and you can either select a configuration from the list, or type in a host name (or IP address) directly into the edit field which is at the top of the dialog box (previous versions of WinQVT/Net did not allow for user-supplied host names or IP addresses).

Note: to connect to a host which is not listed in QVT_TCP.RC, you must have a nameserver defined in QVT_TCP.RC.

To start an FTP session, select 'FTP' from the 'Services' menu (WinQVT/Net still supports only one FTP session). Note that a benefit of the new architecture is the ability to start an FTP session without having to start a Telnet session first.

The 'Servers' menuitem is used to start and stop the two background servers. Note that the FTP server cannot be disabled if a session is currently open.

The console architecture has an impact on the closing as well as the opening of sessions. First of all, the console window remains on-screen even after all sessions have been closed. Secondly, the 'Close All Sessions' facility is now mapped to the console's 'Close' menuitem.

12. WinQVT/Net sessions will now shut down properly when terminated from the Windows 'Task List'.

13. The 'ftp_server=on|off' and 'rcp_server=on|off' directives may now be included in the global section of the QVT_TCP.RC file to enable or disable the ftp and rcp servers. The default value is 'off' for both servers.

14. The 'CDUP' command is now supported by the background FTP server.

15. Function key strings may now include arbitrary byte values, specified by the standard C notation of a '\' character followed by exactly 3 octal digits. To include the backslash character itself in a function key string, use two consecutive backslashes.

16. A bug has been fixed in the 'mget' command. This bug caused spurious filenames and phrases to be appended to the list of filenames.

17. Three new configuration directives have been added. The first two are for use in the 'user configuration' section of QVT_TCP.RC, the third may be used in the 'Global' section.

       win_pos   Specify a screen location that WinQVT/Net will use when creating a new session. Syntax is 'win_pos=<x>,<y>, where <x> and <y> are the horizontal and vertical pixel offsets,
respectively.

                                 There must be no comma between the numbers which
represent

                                 <x> and <y>.

       win_height   Specifies that a 'normal' or 'tall' window will be created.

       autostart   Allows the user to instruct WinQVT/Net to bring up one or more Telnet sessions immediately at program startup. The syntax is 'autostart=<config name 1>,<config name 2>, etc. Up to five configuration names can be specified in the list. There should
be

<u>no blanks</u> on either side of the commas which separate the names.

<u>Version 1.5</u>

18. A bug has been removed which caused Windows to crash if an attempt was made to cycle into WinQVT/Net using the <Alt-Tab> key combination.

19. A small on-line news-reading facility has been added. This feature, accessible through the 'News' menuitem on the console window's 'Services' menu, allows users who have access to an NNTP server to read Usenet news articles directly on their PC.

Before the news reader can be used, you must create a file called NEWS.RC in the same directory with WNQVTNET.EXE and QVT_TCP.RC. This file should be an ASCII text file containing a list of the newsgroups that you want to read, one per line, up to a maximum of 20. Do <u>not</u> append colons or any other punctuation to the newsgroup names!

You must also:

* create a 'name=' entry for the NNTP server in the user section of your QVT_TCP.RC file;
* use that name as the value of the 'nntp_host=' directive, which resides in the 'global' section of QVT_TCP.RC. If the name contains periods, enclose it in double quotes.

When 'News' is started, the new window will show the list of newsgroups (from NEWS.RC), along with the number of unread articles in each newsgroup. To select a newsgroup, simply click the mouse on the newsgroup, then click on the 'Read' button; the header portion of the first unread article will be brought up for viewing. To see the article itself, click on the 'Read' button.

You can now use the top-row button controls to move forward or backward through the newsgroup. The 'Save' button can be used to write the current article to disk; WinQVT/Net will automatically generate a 'reasonable' filename, based on the newsgroup and article number.

The 'Newsgroups' menu provides the ability to add newsgroups to the subscription list, remove newsgroups from the list, and 'purge' a newsgroup of unread articles (useful if you have fallen behind in a newsgroup and don't intend to read the backlog of articles).

20. It is now possible to quickly access the console window from within any Telnet window by holding down the <Shift> key and clicking the left mouse button once. The same can be done from the keyboard by pressing the key combination <Alt-C>. This will work even if the console window is minimized at the time.

21. Each Telnet window now has a 50-line scrollback buffer.

22. You can now specify window colors using arbitrary RGB values, instead of color names. This way, both the hue and the intensity can be specified. The syntax is: '<color>=nnn,nnn,nnn', where <color> is one of the three color config directives, and 'nnn,nnn,nnn' is an RGB value. Each segment of the RGB value should be an integer ranging from 0 to 255. Do not embed spaces!

Note that the actual colors you see will depend on the capabilities of your video hardware and software.

For backward compatibility, the old color names are still supported at this time.

23. The 800x600 Super-VGA font has been improved, and a new 1024x768 font is now available to registered users.

24. If the FTP server is asked to receive a file by an 'anonymous' user, and a fully-qualified pathname is supplied, the server will use only the filename portion of the pathname. This will prevent 'anonymous' users from clobbering files in directories which are outside their authorized area.

Also, UNIX filenames which do not fit within the limitations of the MS-DOS filename convention will be arbitrarily modified so that they do.

25. The FTP window is now 24 lines in height, instead of 16.

26. The news reader now uses the 'System' font instead of the 'ANSI' font; on most systems, the 'System' font is larger and more readable.

27. FTP will no longer 'hang' when the initial login is attempted.

28. The overall stability and robustness of the program has been improved.

29. The 'Minimize All' console menuitem has been modified so that it alternates with 'Restore All', depending on the state of the window. Together, these menuitems form a quick way to remove the WinQVT/Net environment from the screen, and then quickly restore it later.

30. The mapping of the DEC keypad ',' and '-' keys has been reversed. The DEC ',' is now mapped <u>directly</u> to the '+' key on the IBM numeric keypad; the DEC '-' is now mapped to <Ctrl +> on the IBM keypad.

31. The FTP server will now strip the VMS version number from incoming filenames before attempting to open the file.

32. During transparent printing, all 8-bit characters will now be passed through to the printer without modification. Previously, characters in the range 0x84 through 0x9F were being translated to their 7-bit equivalents before being sent to the printer, which resulted in some conflicts with certain common printer-control escape sequences.

<u>Version 1.6</u>

33. The news reader has been enhanced considerably. Newsgroups are now presented in a list box at the top of the news reader window. You can select a newsgroup for reading by either clicking once on the newsgroup name, then clicking the 'Read' button, or by double-clicking on the newsgroup name. When a newsgroup is selected, the list of newsgroups will be replaced by a list of the articles in the selected newsgroup.

At most ten articles will be loaded initially. An article can be read by selecting the article, then clicking on the 'Read' button. Alternatively, you can double-click on the

article and skip the button.

An article can be 'junked' (i.e., marked as 'read' without actually reading it) by selecting the article, then clicking on the 'Junk' button. You can junk the selected article and all preceding articles in a single operation, by holding down the <Ctrl> key and pressing the 'Junk' button.

After reading an article, you can go to the next article by clicking on 'Next', or to the previous article by clicking on 'Prev'. You can also go to the next article with a matching 'Subject' line by holding down the <Ctrl> key and clicking on 'Next'. Having done this once, you can continue to follow the established 'thread' simply by clicking on 'Next' (without <Ctrl>). The button label will change to '^Next' to indicate the activation of this mode. Selection of an article from the listbox will deactivate 'thread' mode.

If a newsgroup contains more than ten unread articles, you can bring up the next ten either by reading the last displayed article and clicking on 'Next', or by clicking on 'More'. When the entire newsgroup has been loaded, the 'More' button will be disabled for that newsgroup.

34. Two new configuration directives have been added. They are 'console_forecolor' and 'console_backcolor', and they are used to specify the console window's foreground and background colors, respectively. Possible values are the same as those for Telnet windows: either one of the 'standard eight' IBM PC color names (black, blue, green, cyan, red, magenta, brown, white), or an RGB color spec of the form 'nnn,nnn,nnn', where each 'nnn' is a decimal number between 0 and 255, inclusive.

35. Some bugs in the background FTP server have been removed.

36. Some bugs have been removed from the posting and followup functions of the news reader.

37. The news-reader user interface has been modified slightly. It is now easier to use than in previous versions.

38. The news-reader 'Save' function now works correctly; it will always save the highlighted article, even if a different article is actually on the screen. Also, it is now possible to supply a different filename to a saved news article.

39. A bug in has been fixed in the Telnet module, which caused a UAE if the window was maximized while the 'small' DEC font was selected.

Also, Telnet will now support logical line lengths up to 160; the previous limit was 132. This feature will come into play mostly on 1024x768 displays, where more than 132 characters will fit across the screen when the window is maximized, and the 'small' font is selected.

40. The 'charset=' setup directive has been enhanced. You may now specify 'charset=dec-small' if you want sessions using that configuration to be initiated with the 'small' DEC font, instead of the 'standard' DEC font.

41. A new menuitem - 'Session' - has been added to the news reader. This menuitem allows you to shut down a news session without destroying the window, then open a new session later.