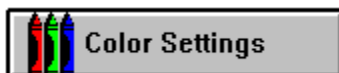
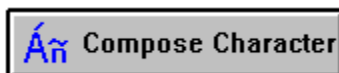




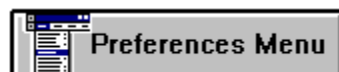
# VT100 Help

VT100 allows you to log on to a remote host via the TELNET protocol and process commands as if you were at a directly connected terminal. VT100 provides terminal emulation so that communication and presentation of data are made in an understandable manner both for you and the remote host. VT100 provides emulation of VT100/101/102 terminals.

## How To



## Commands





Other





## Preferences Menu

The Preferences menu allows you to set the following options for your Telnet session:



Many of the settings you select may be saved for use in future sessions. To save settings, choose Save or Save As from the File menu. These settings are stored as a profile. To retrieve saved settings, use Open from the File menu. For a complete list of settings that are saved, see:





## Options Tab

Chose Preferences, Options to view the following tabs:



Double clicking this control closes the application.

The title bar identifies the remote host to which you are connected.

These controls are used to minimize/maximize the application.

The File menu allows you to print and log sessions, as well as save and load configuration settings.



The Edit menu allows you to copy and paste text using the Windows Clipboard.

The Connect menu allows you to connect or disconnect from a remote host.

The Preferences menu allows you to set various configuration settings such as fonts, colors, and emulation type.

The Window menu allows you to control various attributes of the main application window.

The Help menu provides access to the help file you are currently reading.

The button bar provides access to the most frequently used functions. Click on any button at left to display a description.

The display of text in the main window may be adjusted for font, color, column size, tabstops, etc.

The scroll bars may be used to view text that cannot fit within the main application window. Display of the scroll bars may be toggled using the Window menu.



An utterly useless portion of the screen. Clicking here has absolutely no effect. So why are you doing it?

Double clicking on this control closes the Auxiliary Keypad. It may be reopened using the Window menu.

The Auxiliary Keypad contains VT keys not present on the PC keyboard. You may "press" a VT key in the Auxiliary Keypad by clicking on it using the mouse.

This portion of the status bar displays information regarding the feature you have currently selected. "Connected" will be displayed here when you connect to a remote host. "Connection Closed" will be displayed when you disconnect.

This portion of the status bar identifies the remote host to which you are connected. "Disconnected" will be displayed here when you disconnect.

When Caps Lock is on, CAPS is displayed in the status bar.

When Num Lock is on, NUM is displayed his portion of the status bar.

This portion of the status bar displays the current vertical position of the cursor.



This portion of the status bar displays the current horizontal position of the cursor.



## Button Bar Setup

The button bar provides quick access to the most frequently used functions. For your convenience, the button bar may be moved around the window and the buttons themselves' appearances may be configured as described below:

### Button Properties

Place your cursor in any of the gray space in the button bar and double click to access the button bar configuration dialog box.

#### Show Button Image

Check this box to cause the buttons to contain an icon evocative of their function. See the display below.

#### Show Button Text

Check this box to cause the buttons to contain a text description of their function.

#### Text At Right Side of Image

Check this box to cause the text description to appear to the right of the icon image on the button.

#### Enlarge Image

Check this box to enlarge the buttons.

### Button Box Properties

#### Left

Click this radio button to cause the button bar to be oriented vertically down the left side of the window.

#### Right

Click this radio button to cause the button bar to be oriented vertically down the right side of the window.

#### Top

Click this radio button to place the button bar horizontally across the top of the window.

#### Bottom

Click this radio button to place the button bar horizontally across the bottom of the window.

#### Floating

Click this radio button to cause the button bar to take the shape of a box that

can be placed anywhere in the window. Click on the box, hold the mouse button down and drag the box to the desired location.

**Show Caption**

If you have selected the floating button bar, you can check this box to display a title on the button bar.



## Using the Button Bar

The VT100 button bar provides fast access to the most frequently used functions (the menu commands that provide access to these functions are shown below in parentheses). Note that the Fit Fonts to Window button is available only under Windows 3.1 and later.



Connect ("Connect, Connect")



Disconnect ("Connect, Disconnect")



Color Selection ("Preferences, Colors")



Font Selection ("Preferences, Fonts")



FTC Font ("Preferences, Fonts")



Fit Fonts to Window ("Preferences, Fonts")



Log ("File, Log")



Continuous Log ("File, Continuous Log")



Print ("File, Print")



Continuous Print ("File, Continuous Print")



Auto Scroll On ("Window, Auto Scroll")



Auto Scroll Off ("Window, Auto Scroll")



Exit VT100 ("File, Exit")

Click the Connect button to specify a remote host to which you wish to connect.

Click the Disconnect button to disconnect from the remote host to which you are connected. Note that you should first properly log off the remote host.

Click the Color Selection button to specify a text and background color combination.

Click the Font Selection button to specify a font style and size for displayed text.



Click the FTC Font button to select the FTC-San Serif Font, which supports graphics characters (such as those in the DEC special graphics character set) and proper graphical representations of control codes.

Click the Fit Fonts to Window button to enable automatic scaling of fonts to fit the current VT100 window size. Note that the automatic scaling feature is disabled for raster fonts. Note also that the automatic scaling feature is not supported in Windows 3.0.

Click the 132 Column button to display 132 characters on a single line of your screen. If your monitor does not allow 132 columns to be visible at one time, horizontal scroll bars allow you to view the remaining characters.

Click the 80 Column button to display 80 characters on a single line of your screen.

Click the Auto Scroll On button to enable Auto Scroll mode. If Auto Scroll mode is set, whenever the cursor goes beyond the boundary limits of your terminal screen, the screen is automatically scrolled so that the cursor always remains visible.

Click the Auto Scroll Off button to disable Auto Scroll mode. If Auto Scroll is off, the display is not automatically scrolled when the cursor goes beyond the boundary limits of your terminal screen.

Click the Exit button to close the application. Note that you should first properly log off the remote host.

Click the Log button to log screen data to a file.



Click the Continuous Log button to toggle continuous logging of data to a file.

Click the Print button to print screen data.

Click the Continuous Print to toggle continuous printing of screen data.



## Composing Characters

To generate special characters which cannot be generated directly from your keyboard, you must compose them by pressing the Compose key. You can then type a valid compose sequence to generate a compose character.

Because the Compose key is not directly available on the PC keyboard, the function key F6 on the PC keyboard can be mapped to the Compose key.

For more information see



To compose characters not directly available from the keyboard, follows these steps:

**1** Use Fonts on the Preferences menu to select a language other than US. Be sure to select National Mode using the checkbox. For more information on this procedure, see:



**2** On your actual keyboard, press F6 key.

**3** Using the table provided below, generate the desired character by pressing the corresponding key sequence from the Sequence column. The order of these keys is not important, except for those characters noted by a "\*".

Character	Sequence
Á (A acute)	A'
á (a acute)	a'
Â (A circumflex)	A^
â (a circumflex)	a^
À (A grave)	A`
à (a grave)	a`
Å (A ring)	A*
å (a ring)	a*
Ã (A tilde)	A~
ã (a tilde)	a~
Ä (A umlaut)	A"
ä (a umlaut)	a"
Æ (AE ligature) *	AE
æ (ae ligature) *	ae

Ç (C cedilla)	C,
ç (c cedilla)	c,
É (E acute)	E'
é (e acute)	e'
Ê (E circumflex)	E^
ê (e circumflex)	e^
È (E grave)	E`
è (e grave)	e`
Ë (E umlaut)	E"
ë (e umlaut)	e"
Í (I acute)	I'
í (i acute)	i'
Î (I circumflex)	I^
î (i circumflex)	i^
Ì (I grave)	I`
ì (i grave)	i`
Ï (I umlaut)	I"
ï (i umlaut)	i"
Ñ (N tilde)	N~
ñ (n tilde)	n~
Ó (O acute)	O'
ó (o acute)	o'
Ô (O circumflex)	O^
ô (o circumflex)	o^
Ò (O grave)	O`
ò (o grave)	o`
Ø (O slash)	O/
ø (o slash)	o/

Ö (O tilde)	O~
ö (o tilde)	o~
Ö (O umlaut)	O"
ö (o umlaut)	o"
× (OE ligature) *	OE
÷ (oe ligature) *	oe
ß (German sharp s)	ss
Ú (U acute)	U'
ú (u acute)	u'
Û (U circumflex)	U^
û (u circumflex)	u^
Ù (U grave)	U`
ù (u grave)	u`
Ü (U umlaut)	U"
ü (u umlaut)	u"
Ý (Y umlaut)	Y"
ÿ (y umlaut)	y"
¡ (inverted !)	!!
¢ (cent sign)	c/ or C/ or c  or C
£ (pound sign)	l- or L- or l= or L=
¥ (yen sign)	y- or Y- or y= or Y=
§ (section sign)	so or SO or s! or S! or s0 or S0
¨ (currency sign)	xo or XO or x0 or X0
© (copyright sign)	co or CO or c0 or C0
<sup>a</sup> (feminine ordinal indicator)	a_ or A_
« (angle quotation mark left)	<<
» (angle quotation mark right)	>>
° (degree sign)	0^

± (plus minus sign)	+ -
<sup>1</sup> (superscript 1)	1^
<sup>2</sup> (superscript 2)	2^
<sup>3</sup> (superscript 3)	3^
μ (micro sign) *	/u or /U
¶ (paragraph sign)	p! or P!
· (middle dot)	.^
º (masculine ordinal indicator)	o_ or O_
¼ (one-quarter fraction) *	14
½ (one-half fraction) *	12
¿ (inverted ?)	??

\* sequence must be entered in the order indicated

#### Related Topics





## Profiles

A profile (or configuration) is all the settings used for a particular session. Creating new profiles, opening existing profiles, saving profiles, and deleting profiles can be done using the File menu.

A profile includes the following settings:

Accelerator keys ON/OFF

Automatic scaling of fonts ON/OFF

Auto Scroll

Auto Wrap

Auxiliary keypad ON/OFF

BS sends

Button Bar Status

Color

Column Width

Continuous Print Mode

Cursor Key Mode

Disable Bell

Display control characters

(Emulator) Id

End of line

Enter sends

Exit VT100 on Disconnect

Font Information

Force Telnet negotiation

HorizontalTextCentering

Hostname

Insert Mode

Keyboard Mappings



Keypad Mode  
Local Echo  
Lock is  
Lock Keyboard  
Local Mode  
Local Xon/Xoff  
Log file name  
Log Style  
Margin Bell  
Mapping of function keys to protocol keys  
Mouse Positions Cursor  
Number of Scrollback lines  
Origin Mode  
Port  
Prompt on Disconnect  
Reverse Video  
Scrollbar ON/OFF  
Status Window Settings  
Tab Settings  
VerticalTextCentering  
Viewport size  
Window Position  
Window Size  
Window State MINIMIZED/MAXIMIZED/RESTORED

Profiles can be created from the default factory settings as well as from an existing profile, so you can start a new profile from scratch or base it on an existing profile. Profiles names can be as simple or descriptive as you like, as long as they are unique, making the method of connecting to the remote host very "user-friendly". (Note that profile names are case-insensitive, so Name and name would not be considered unique).

Complete access to the list of profiles is available through the File menu or through the Connect dialog. This allows settings to be changed quickly and easily, letting you switch from one session to the next just by choosing a new profile. If any changes are made to the loaded profile (i.e., any of the above settings are modified), you will be prompted to save them whenever you attempt to load a different profile, create a new one, or exit the application. A profile can also be deleted, providing it is not currently in use by another instance of the application.

#### Related Topics





## Soft Terminal Reset States

The following default states are restored by a Reset Terminal:

Auto-Wrap	Off
Cursor Key Mode	Normal
Insert/Replace Mode	Replace
Keyboard Action Mode	Unlocked
Keypad Mode	Numeric
Origin	Absolute
Selective Erase	Normal
Text Cursor	ON
Saved Cursor State	Home



## File Menu

### New

Used to load an (Untitled) profile having default factory settings.

### Open

Used to load a previously created profile.

### Save

Used to save the currently loaded profile. If the currently loaded profile is (Untitled), then a name must first be assigned to the profile; thus, the SAVE will function as a SAVE AS (see below).

### Save As

Used to save an (Untitled) profile or to save the currently loaded profile with a new name. This can be used to make a copy of the currently loaded profile.

### Delete

Used to delete a particular profile. If the currently loaded profile is deleted, an (Untitled) profile is loaded. An instance of the application cannot delete a profile which is currently being used by another instance of the application.

### Log

Used to log screen data to a file. The application provides a default log file name when you log for the first time. You may change the name if you desire. Thereafter, it will log to the chosen file. The data will be stored according to the features selected using Log Setup.

### Continuous Log

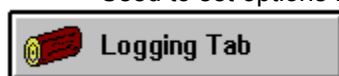
Used to start continuous logging of data to a file. If you have not already selected a log file name, you will be prompted to select one. To stop continuous logging, issue this command again.

### Log Playback

Used to playback the previously recorded log. (Note that the Log Playback command is greyed when On-line Mode is enabled and you are not connected to a remote host.)

### Log Setup

Used to set options for logging data to a file. For more information:



### Print

Use this command to print data as directed by the selections made using the "Print Setup" command.

### Continuous Print

Used to start continuous printing of screen data. The printing will be done in accordance to the parameter selections made using the "Print Setup" command. This option can only be used only if you have chosen either the Auto Print mode or the Print Controller Mode from the Print Setup. To stop continuous printing, issue this command again.

### Print Setup

Used to set options for printing. For more information see:



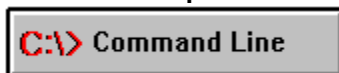
### Exit

Exits the application. You have the option of saving the current settings.



Open and Delete can only be used if there are one or more profiles available to the application.

### Related Topics





## **Edit Menu**

### **Copy**

This command copies the selected data to the clipboard. Data is normally selected using the mouse. You may also select the entire screen or entire buffer using the Select Entire Screen or Select Entire Buffer commands.

### **Paste**

Pastes data from the clipboard to the current insertion point. If the data in the clipboard is of type bit-map then this command is not available. The command is also unavailable if there is nothing in the clipboard which can be pasted.

### **Select Entire Screen**

Selects the entire screen for a clipboard operation.

### **Select Entire Buffer**

Selects the entire buffer for a clipboard operation.



## Window Menu

### Clear Screen

Erases the entire VT100 Window. This also clears up the visible part of the scroll-back buffer.

### Clear Buffer

Erases the entire scroll-back buffer along with the entire screen.

### Reset Terminal

Performs a soft reset of the terminal. For more information, see



### Auto Scroll

Used to enable Auto Scroll mode. If Auto Scroll mode is set, whenever the cursor goes beyond the boundary limits of your terminal screen, the screen is automatically scrolled so that the cursor always remains visible. If Auto Scroll is off, the display is not automatically scrolled. Special icons on the Status Bar indicate the current mode of Auto Scroll.

### Show Scroll Bars

Shows or hides the vertical and horizontal scroll bars.

### Show Auxiliary Keypad

Shows or hides the Auxiliary Keypad which contains all the VT100 keys not present on the PC keyboard as well as all the function keys F11 to F13, PF1 to PF4 compose key. You may "press" a VT100 key in the Auxiliary Keypad by clicking on it using the mouse.

### Show Button Bar

Shows or hides the Button Bar which provides fast access to the most frequently used menu functions. For more information, see:



### Center Text Horizontally

Centers or left-aligns the text horizontally within the workspace.

### Center Text Vertically

Centers or bottom-aligns the text vertically within the workspace.

### Set Extents

By default, the VT100 window size is limited to a Standard size of 24/25 lines, the size of the active VT100 screen. When the Standard size is selected, the scroll

bars must be used to view the VT100 scrollbar buffer. However, when the extents are set to Unlimited, the VT100 window can be sized to show more than the 24/25 lines of the VT100 screen, including the scrollbar buffer.

### Related Topics







## Connect Menu

### Connect

Allows you to connect to a remote host to establish a Telnet session. You can load a profile by selecting its name from the list of available profiles, or you can use the Default profile. You also need to enter the hostname or Internet address of the remote host to which you wish to connect. The default port for a Telnet session is the standard Telnet port (port 23). The hostname used will automatically be added to the system's database for future sessions.

### Disconnect

Disconnects the currently established Telnet session.

### Are You There

Used to find out if the connection with the remote host is still valid. If it is, the title bar will flash and you will hear a bell sound. Some hosts also send a message (e.g. "[Yes]"). Issuing the Are You There command sends the AYT (Are You There) Telnet sequence.

### Abort Output

Instructs the remote host to flush the output buffer. Use this command if you do not want to see the remaining output of the current process.

### Interrupt Process

Instructs the remote host to terminate the process which is currently running.

### Break

Sends a Telnet Break sequence to the remote host.

### Related Topics



Logging Tab



Logging Tab



## Terminal Tab

Use the Preferences, Terminal tab to alter the following terminal parameters:

### End of Line

Allows you to set the end of line character. CR/LF moves the cursor to the first column of the next line. CR Only moves the cursor to the first column on the same line. LF Only moves the cursor to the same column of the next line.

### Column Width

Controls the number of characters that can be displayed on a single line of your screen. The VT100 terminal may be set to a screen width of 80 columns or 132 columns. If your monitor does not allow 132 columns to be visible at one time, horizontal scroll bars allow you to view the remaining characters.

### Autowrap

When Autowrap mode is enabled, characters typed when the cursor is at the right margin appear on the next line. When Autowrap is disabled, the character at the right margin is overwritten by the new character typed.

### Insert Mode

Used to toggle Insert / Replace mode. When the Insert mode is set, new display characters received by the terminal move existing display characters to the right. When Replace mode is set, new display characters replace existing display characters at the cursor position.

### Display Control Characters

Checking this box causes control codes to be displayed as graphic characters for debugging purposes. Control codes are displayed graphically, but are not executed (except for CR, LF, FF, VT, and codes used for flow control).

### Reverse Video

Allows you to view the screen with foreground and background colors interchanged.

### Disable Bell

Checking this box prevents the terminal from beeping when it receives a BELL (0x07) character.

### Number of Scrollback Lines

Allows you to specify the number of lines (0-456) to be held by the scroll-back buffer. The scroll-back buffer is used to hold previous contents of the screen and may be viewed using the vertical scroll-bars.

Telnet (default) port.

### Screen Scroll

You may alter the screen scroll options to adjust how the data is displayed as it is received from the remote host.

### **Smooth**

If you click this option, you will see the data scrolled as soon as a full line is received. For example, if 16 lines were received at once, you would see the screen scrolled 16 times, 1 line at a time.

### **Jump**

If you click this option, you will see the data scrolled once up to four lines are received. For example, if 16 lines were received at once, you would see the screen scrolled 4 times, 4 lines at a time.

### **Hyper**

If you click this option, you will see the data scrolled as many lines as are received at once. For example, if 16 lines were received at once, you would see the screen scrolled 1 time, with all 16 lines appearing simultaneously.



## Profiles Tab

Use the Preferences, Profile tab to chose your preferred method of updating your profiles.

### **Prompt Before Saving Changes**

Click here if you want to be prompted before changes to your profile are saved.

### **Save Changes Automatically**

Click here if you want to save changes to your profiles automatically.

### **Ignore Changes**

Click here if you never want to save changes to your profiles.



## Communication Tab

Use the Preferences, Communication tab to alter the following communication parameters:

### Answer Back

Allows you to specify an answer to be sent by the terminal in response to the enquiry character ENQ (0x05). Enter an answer back Message, then check the Enable checkbox. The Conceal checkbox is provided for security purposes. Concealed messages are displayed and echoed as asterisks and cannot be changed once they are concealed. To erase a concealed message, uncheck the Conceal checkbox.

### Local Mode

Selecting this mode puts the remote host on "hold". Data entered at the keyboard is sent to the screen but not to the remote. Data received from the remote is stored and sent to the screen only after you put the terminal back to On-line mode.

### On-line Mode

Selecting this mode lets the terminal communicate with the remote host.

### Local Echo

When this box is checked, characters entered at the keyboard are displayed on your screen before they are sent to the remote host. Local Echo should be used when the remote host is not echoing characters. If echoing is done both locally and by the remote host, your screen may display alternate blank lines or two characters for each character typed or may not display any characters when a key is pressed, even though the remote application is responding properly.

### Local XON/XOFF

When this box is checked, **Ctrl+S** and **Ctrl+Q** are not sent to the remote host; instead, they are handled internally. When this box is not checked, **Ctrl+S** and **Ctrl+Q** are sent to the remote host. **Ctrl+S** and **Ctrl+Q** are used for handshaking.

### Emulator Type

#### Operating Mode

##### VT100 Mode

Limits data characters to 7 bits and limits the use of the keyboard to VT100 keys. Supports ASCII, National Replacement characters and special Graphic characters.

#### Primary DA / ID

Used to inform the remote host of the capabilities (Device Attributes) of your terminal. The operation of some remote host applications may depend on this information. Available Terminal Ids are VT100, VT101, and VT102.

You may select from DEC or non-DEC varieties.



## Keyboard Tab

Use the Preferences, Keyboard tab to alter the following keyboard settings:

### Cursor Key Mode

Used to set the sequences sent to the remote host when you press one of the cursor keys. In Normal mode, normal cursor positioning sequences are sent to the remote. In Application mode, special application control function sequences are sent to the remote. Remote applications may automatically set this mode.

### Keypad Mode

Used to set the sequences sent to the remote host when you press one of the keys on the numeric keypad. In Numeric mode, normal numeric sequences are sent to the remote. In Application mode, special application control function sequences are sent to the remote. Remote applications may automatically set this mode. Keypad keys include 0-9, comma, decimal, minus, Enter and PF1 through PF4. If not available on your keyboard, these keys may be accessed using the Show Auxiliary Keypad option from the Window menu.

### Enter Sends

Allows you to set the "Enter" key to send either a CR character or a CR-LF combination.

### Mouse Positions Cursor

To enable positioning of the cursor using a mouse select this option.

### Lock Keyboard

This checkbox allows you to lock or unlock the keyboard. When the keyboard is locked, input from the keyboard is not accepted. The remote host can also direct the terminal to lock its keyboard. When the keyboard is locked you may still access menu items using the mouse or using the appropriate Alt-keys.

### Lock UDKs

Checking this box prevents redefinition of the User Defined Keys (UDK's) by the remote. UDK's consist of the keys F6 - F14, Do, Help, and F17 - F20.

### Margin Bell

Checking this box enables a bell to be sounded when you type beyond the right margin. If the column width is 80, the bell sounds when the cursor crosses the 75th column (127th column in the case of 132 column mode).

### Backspace Sends

Allows you to set the "Backspace" key to send either the BS (0x08) character or the DEL (0x7F) character. You may use Ctrl-BS to send the opposite of what the BS key is currently set for. For example, if you have Backspace Sends set to the BS key, Ctrl-BS may be used to send the DEL key.

## Lock Is

The "Caps Lock" key on the PC keyboard is taken as the "Lock" key of the VT100 keyboard. You can choose this "Lock" to behave as a plain "Caps Lock" or as a "Shift Lock". Using the Shift key with either "Shift Lock" or "Caps Lock" on cancels the effect of the lock.

### Related Topics







## Tab Stops Tab

Use the Preferences, Tab Stops tab to alter the tab stops. In this tab, you may set or clear tab stops at different column positions. A set tab is indicated by a "T" at the column number. To set or clear a tab stop at a particular column position, double-click the mouse at that position.

### Clear All

To clear all tab settings, click the Clear All button.

### Interval

Set tab stops uniformly at a specified interval, enter the appropriate Interval and click the **Set Interval** button. Some remote applications may automatically set tab settings.



## Fonts Tab

To set the current font for your VT100 session, use "Preferences, Fonts". VT100 supports fonts present in the Windows system resources. Any of the available fonts and point sizes may be selected.

### Font

Used to select the current font from the fonts present in the Windows system resources. In addition, VT100 provides the FTC fonts which support graphics characters such as those in the DEC special graphics character set. Proper graphical representations of the control codes in the Display Control mode are available only in the "FTC-SansSerif" font.

Note: Choosing a font which is application specific and non-standard (so far as Windows is concerned) might lead to unpredictable visual effects.

### Size

Used to select the point size of the currently selected font. (See above for a description of FTC font sizes.)

### Language

Used to set VT100 for operation with a national character set. You should first set up your version of Windows to recognize your keyboard as a national keyboard. This is done through International settings in the Windows Control Panel.

### National Mode

If you select to work in non-National Mode, VT100 generates DEC multinational codes to correspond to your national set. If you select National Mode, VT100 generates DEC National Replaceable codes. This choice may be dictated by the application you are using. Note that National Mode must be selected for the Compose Characters feature to function properly.

### Sample

Displays a text sample using the currently selected font and font size.

### Fit Font to Window At

This feature allows you to enable automatic scaling of fonts to fit the current VT100 window size. You can also set the number of columns that are to fit in the VT100 window when automatic scaling of fonts is enabled. Note that the automatic scaling feature is disabled for raster fonts. Note also that the automatic scaling feature is not supported in Windows 3.0.

### Related Topics



[Logging Tab](#)



Terminal Params



## Colors

To set the current color combination for your VT100 session, use "Preferences, Colors". VT100 supports custom color combinations, including colors set as defaults through the Windows Control Panel.

### Sample

Displays a sample that shows window text against window background using the color combination currently selected.

### Follow Control Panel Settings

When this box is checked, VT100 will use the default text color and default background color set through the Windows Control Panel. To edit this color combination for VT100, uncheck this box - the editing controls described below will be enabled.

### Window Text

[Click here](#) if you wish to begin modifying the color of the window text.

### Window Text Background

[Click here](#) if you wish to begin modifying the color of the window text background.

### Workspace Background

[Click here](#) if you wish to begin modifying the color of the workspace background.

### Workspace Pattern

[Click here](#) if you wish to begin modifying the color of the workspace pattern color.

### Workspace Pattern Style

Used to select one of the following pattern styles for your workspace:

- Cross
- Dark Shade
- Diagonal
- Diagonal Cross Hatch
- Downward Hatch
- Horizontal Hatch
- Light Shade
- Solid
- Vertical Hatch.

**Red / Green / Blue**

Used to change the Red/Green/Blue mixture used to form a color.



## Command Line Parameters

If you frequently need to run VT100 with the same default parameters, you may create additional VT100 icons for connecting to various hosts and specify different default parameters for each. Follow these steps:



Click once on the VT100 icon.



Select Copy from the File menu of Program Manager and choose New Program Item to create a new copy of the VT100 icon.



Select Properties from the File menu of Program Manager to change the Command Line and Description for the new icon.

The VT100 command line has the following syntax:

```
VTTERM [-d<profile-name>] [-h<hostname>] [-p<port-no>] [-t]
```

where

<i>&lt;profile-name&gt;</i>	Name of the profile to load on startup. The profile-name must already exist. If a profile-name is not specified, an (Untitled) profile having the default factory settings is loaded. Note that even if there is a hostname associated with the given profile, a connection will not automatically be attempted to that host; the optional <i>&lt;hostname&gt;</i> parameter must be specified as well.
<i>&lt;hostname&gt;</i>	The hostname or Internet address of the remote host to which you wish to connect. If a valid <i>&lt;hostname&gt;</i> is specified on the command line, connection occurs immediately. Otherwise, no automatic connection attempt will be made.
<i>&lt;port-no&gt;</i>	The port number to use when connecting. A port number may be specified on the command line without a hostname when a special port is needed for several sessions but a different host is to be used for each. If no port number is specified, the default Telnet port (port 23) is assumed.

The -t flag specifies whether Telnet negotiation will be done on a non-Telnet port; i.e., a port other than the default of 23. This option is only necessary when connecting to a Telnet server on a non-Telnet port. This option applies only to non-Telnet ports because Telnet negotiation will always be done on the Telnet port. If this option is not specified, the default is to use Telnet negotiation on the Telnet port, and not to use negotiation on all other ports.





## Establishing a A VT100 Session

You may establish a VT100 session using the Connect command on the Connect menu, or by pressing the Connect button on the button bar.

### Hostname

Enter the name of the remote host to which you wish to connect, or use the drop-down listbox to select a name from those previously entered. The name must be a valid hostname, alias, or IP address on the network.

### Profile

Enter a profile name or select one from the drop-down listbox.



If the profile you select has a hostname and/or port number associated with it that DIFFERS from the hostname and/or port you have entered manually, your choices will be overridden by those of the profile.

If you select the Default profile, the factory settings will be loaded. For more information, see:



**Logging Tab**

### Port

Enter a port number to be used for the connection. The default port number is the standard Telnet port (port 23).

Note that spontaneous disconnection may occur if the Telnet connection is lost. Some remote hosts may abort the connection if you fail to log in within a specific time. Some hosts will abort the connection immediately after you log out - if you wish to log in as another user you may have to connect once again.

### Related Topics



**Logging Tab**





## Positioning Cursor Using Mouse

Selecting Keyboard Settings from the Preferences menu allows you to select "Mouse Positions Cursor". If this item is selected, you may double-click the mouse at the position you want to place the cursor. Appropriate cursor positioning sequences are sent to the remote host.

### Related Topics



[Logging Tab](#)



## Pausing the Screen Display

When you are connected to a remote host, you may freeze the terminal display by using the **Pause** button on your keyboard or by using **Ctrl+S**. To resume the screen display, press the **Pause** key again or use **Ctrl+Q**. Pausing the screen is typically done when a large amount of data is being continuously displayed and it is rapidly scrolled off. Pausing the screen will put a temporary "hold" on incoming data. The title bar will indicate the "paused" status. To view data that has already scrolled off the screen, use the vertical scroll bar.

If the remote host needs to be able to receive **Ctrl+S** or **Ctrl+Q**, then you must disable the Local XON/XOFF option, which can be done by selecting Terminal Params from the Preferences menu.

### Related Topics



[Logging Tab](#)



## **Glossary**

[Clipboard](#)

[Compose Character](#)

[Scroll Back Buffer](#)

[Soft Reset](#)



## Printing Tab

VT100 supports continuous printing as well as non-continuous "snapshot" printing. To activate continuous printing, select either Print Controller Mode or Auto Print Mode, then choose the Continuous Print option under the File Menu. When continuous printing is on, this option will appear checked. Continuous Printing is automatically disabled if neither of the two modes are selected, or if there is an error during printing. If there is an error during continuous printing, rectify the cause of the problem, then resume continuous printing by reselecting the Continuous Print option.

### Non-Continuous Print Extent

For non-continuous "snapshot" printing, you may choose how much data is to be printed. The choices are:

Selected Text - Selected portion of the screen.

Entire Screen - Entire screen (24 lines) starting from the first visible line in the window.

Entire Buffer - The entire scroll-back buffer.

### Non-Continuous Print Style

For non-continuous "snapshot" printing, you may choose from the plain text or bitmap styles of printing. Print Style governs the style of printing for your print requests as well as requests received from the remote. If the bitmap style is selected, you may choose "Reverse Video" (using "Preferences, Terminal Parameters") to print data with foreground and background colors swapped. If Continuous Printing is enabled and you switch to bitmap style, any further change to the Print Style will be effective only after Continuous Printing is stopped.

### Continuous Print Mode

#### Print Controller Mode

If this mode of continuous printing is selected, characters are sent to the printer without being displayed on the screen. The characters NUL, XON, XOFF and those sequences that set and reset this mode are not sent to the printer. If both Auto Print Mode and Print Controller Mode are selected, the latter takes precedence.

#### Auto-Print Mode

If this mode of continuous printing is selected, display lines are automatically printed when you move the cursor to the next line (using a line-feed, form-feed, vertical tab or autowrap).

### Setup

Click this button to access the Windows Printer Setup dialogs. At least one printer must be properly configured.

### Related Topics



Logging Tab



Logging Tab



## Prompt on Disconnect

This item on the Preferences menu toggles whether VT100 will prompt you for confirmation prior to disconnecting from a remote host. VT100 will not prompt for confirmation if the Prompt on Disconnect menu item is unchecked.

### Related Topics



[Logging Tab](#)



## Exit VT100 on Disconnect

This item on the Preferences menu toggles whether or not VT100 will close automatically when you disconnect from the remote host. When this menu item is checked, VT100 will automatically close whenever you disconnect from a remote host.

### Related Topics



[Logging Tab](#)



## Enable 'CTRL+KEY' Accelerators

This item on the Preferences menu toggles whether or not 'Ctrl+Key' Accelerators are enabled. When this menu item is checked, **Ctrl+C** will function as an accelerator key for the "Edit, Copy" command. When this menu item is not checked, **Ctrl+C** will send a **Ctrl+C** to the remote host.

### Related Topics



[Logging Tab](#)





## Logging Tab

The following options may be set for logging data to a file.

### Non-Continuous Log Extent

For non-continuous "snapshot" logging, you may choose how much data is to be put in the log file.

Selected Text - Selected portion of the screen.

Entire Screen - Entire screen (24 lines) starting from the first visible line in the window.

Entire Buffer - The entire scroll-back buffer.

### Log Style

For continuous logging, you may choose from two logging styles: all characters or display characters only. If Continuous Logging is enabled (on the File menu) and you switch Log Styles, any further change to the Log Style will be effective only after Continuous Logging is stopped.

### File

Clicking this button allows you to specify the name of the file to be used for logging. You may select an existing file or enter the name of a file to be created.

### Related Topics



**Logging Tab**

**Clipboard**

A temporary storage area for copying text or graphics. Only text may be pasted to an insertion point specified by the cursor.

**Compose character**

Pressing the compose character key starts a compose sequence. It is used to create characters that cannot be typed directly from the keyboard.

**Scroll-back buffer**

The scroll-back buffer is used to hold data that has scrolled past the top of your screen. You may view the contents of the scroll-back buffer by using the vertical scroll bar at the right of the application window.

**Soft Reset**

A soft reset sets the terminal to its power-up default states. This sequence can be sent by the remote host or issued via "Reset Terminal" on the Window menu.

**Recall**

The Recall facility allows you to retrieve the name of a remote host to which you have previously tried to connect (with the "Set Recall" facility enabled).

