Chapter 1 Getting Started

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Chapter Overview

This chapter introduces and describes the basic steps involved in using NCSA Telnet for the Macintosh:

- invoking the program
- opening and closing a telnet connection
- copying, pasting, and printing the contents of session windows
- exiting the program

The chapter assumes that your system or network administrator has installed NCSA Telnet on your system, assigned an IP address to your Macintosh, and given you a login name and password for the computer to which you want to connect. For information regarding installation and customization procedures, refer to Chapter 8, "System Administration Information."

In addition, the chapter assumes that you know how to click and drag using the mouse, move and resize windows, and select items from menus. If you are unfamiliar with the Macintosh user interface or need additional information regarding these procedures, please refer to your Macintosh user's guide.

Beginning a Telnet Session

Figure 1.1 Telnet Program Icon

Invoke NCSA Telnet by double-clicking on the NCSA Telnet file or application icon. The NCSA Telnet application icon is shown in Figure 1.1.

A startup dialog box appears to introduce NCSA Telnet, then disappears.

Opening a Connection

To open a connection to a telnet host:

1. Select Open Connection from the File menu, shown in Figure 1.2. A connection dialog box, shown in Figure 1.3, appears.

2. Enter as the session name the name of the telnet host to which you want to connect.

3. Enter any name for the session window as the window name. This is an optional feature that is not necessary here, but very useful when you have multiple connections.

4. Click OK or press RETURN.

NCSA Telnet attempts to connect to the host you specified, a process that generally takes only a few seconds. When a connection has been established, a session window appears. The name you specified for the window appears in the title bar of the session window, and under the Connections menu.

Figure 1.2 File Menu

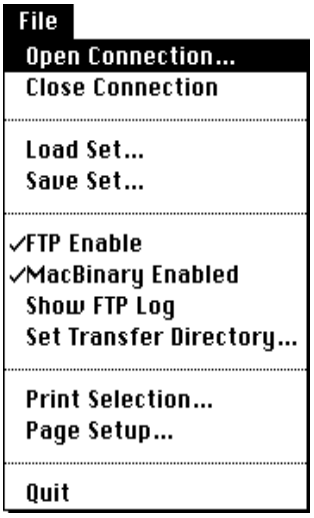
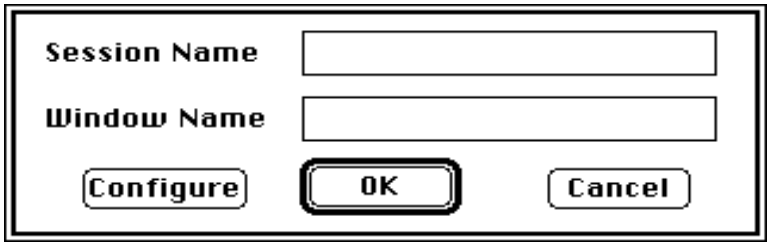


Figure 1.3 Connection Dialog Box



For information regarding alternative ways to open a connection, session names other than the hostname, and working with multiple sessions, see Chapter 4, “Advanced Features.” A discussion of the purpose and function of the Configure button is contained in Chapter 3, “Customizing the Environment.”

Logging in to Your Host

The session window indicates the name and type of your host machine and prompts you to enter your login name. For example, if you attempt to connect to a Sun system dubbed pluto, the login prompt may look like this:

```
SunOS UNIX (pluto)

login:
```

To log in:

1. Enter your login name at the login prompt and press RETURN. The host prompts you to enter your password.

2. Enter your password and press RETURN.

From this point on, NCSA Telnet operates as a VT102 terminal remotely connected to the host.

NOTE: The response time of the host may vary. If the remote host is heavily loaded it may take a few minutes after the connection has been opened for the host to prompt you to log in.

Setting a Terminal Type

NCSA Telnet emulates a VT102 terminal. When you log on to a host, the host operating system does not always know what type of terminal you are using. For instructions on setting the terminal type, consult the operating system manual for the host you will be using.

Try setting the terminal type to VT100 or VT102. For systems that do not support VT102 (such as many UNIX systems), use VT100 or tab132 (compatible with VT102 emulators).

The following examples show how to set the terminal type for two popular operating systems and hosts—UNIX (using the C shell) and VAX/VMS.

UNIX (C-Shell)

```
pluto% set term=vt100;tset
```

VAX/VMS

```
B$ set term /inq
```

Closing a Connection

To close a connection to your host, use the logout procedure specific to that system. For example, you would enter the UNIX logout command (logout) at the command line prompt:

```
pluto%  logout
```

If you are unable to log out in this manner, select Close Connection from the File menu. A dialog box appears to confirm that you want to forcibly close the connection. Click OK or press RETURN. A sample message the Close Connection dialog box might display is shown in Figure 1.4.

Figure 1.4 Sample Close Connection Dialog Box

After you have logged out, the session window disappears. You can now safely quit the NCSA Telnet application.

Cutting, Copying, Pasting, and Printing

NCSA Telnet allows you to cut, copy, paste, and print the contents of your session windows. To cut, copy, paste, or print, first select a region of text from the window.

To cut a selected region from a window, select Cut from the Edit menu. The selection is removed from the window and placed on the Clipboard.

To copy a selected region of a window “as is,” select Copy from the Edit menu.

To copy a selected region of a window as a table, choose Copy Table from the Edit menu. White spaces in the selected region are replaced by tabs according to the setting of the Copy Table Threshold in the Preferences

dialog box, so that you can paste the table into a word processing or spreadsheet program such as Microsoft Excel.

To paste the contents of the Clipboard into a session window, select Paste from the Edit menu.

To print a selected region:

1. Choose Page Setup from the File menu, specify the desired printing parameters in the dialog box that appears, and click OK or press RETURN.

2. Choose Print Selection from the File menu. Specify the number of copies, printer feed, and other parameters in the Print dialog box appears, and click OK or press RETURN.

For more information regarding the Page Setup or Print dialog boxes, refer to your Macintosh user's guide.

NOTE: Copying and Pasting are also discussed in Chapter 6, "Tektronix 4014 Emulation," and Chapter 7, "Interactive Color Raster Graphics." The Copy Table Threshold is discussed in the section entitled "Using the Preferences Dialog Box" in Chapter 3.

Exiting NCSA Telnet

To exit NCSA Telnet, select Quit from the File menu.

NOTE: Telnet allows you to quit the application at any time during the program's execution; however, to avoid loss of data or other complications, you should close connections to each system before quitting NCSA Telnet, whenever possible. If you do attempt to quit the application before closing the current connections, a dialog box appears to confirm that you want to forcibly close the connections. If you do, click OK or press RETURN; otherwise, click Cancel.