

Specific Setup Information

Macintosh System 7.5 & MacTCP

Users with a 68040 or PowerPC processor-based Mac may wish to consider upgrading to Mac OS 8 since Internet access is included. A Mac OS 8 handout is available at the library. These directions are for users who do not wish to upgrade, but who have a Web browser such as Netscape Navigator or Internet Explorer installed on their machines.

1. Get the Files You Need

To make a graphical (PPP) connection using Mac OS 7.5.x or 7.6, you must have:

- FreePPP
- MacTCP 2.06 or Open Transport

FreePPP 2.6.2 (804K) can be downloaded from the Internet Web site:

<http://tuows.agis.net/mac>

under “Connectivity — Networking (TCP/IP).” Troubleshooting suggestions are also included.

MacTCP comes with Mac OS 7.5. For a complete discussion of reasons to upgrade your Mac to Open Transport, see “Open Transport 101,” *MacUser*, July 1996, v12 n7 p103(2), Geoff Duncan.

Open Transport (approx. 10MB) can be downloaded from the Web site:

<http://www.apple.com>

2. Install FreePPP

If you download FreePPP, it comes compressed in .sit format and encoded in .hqx format. To decompress and decode the FreePPP program, get Stuffit Expander at:

<http://www.aladdinsys.com/expander>

After decompressing and decoding the program, click on “Install FreePPP 2.6.2” in the FreePPP

2.6 Installer folder. Follow the prompts and select “Easy Install” to install the program. Restart your Mac after FreePPP is installed.

Click on “FreePPP setup” in the FreePPP 2.6.2 Folder shown in Figure 1.



Figure 1. The FreePPP setup icon.

Click on the ► (right arrow) to setup FreePPP.

Select the Accounts tab, and then click on the new button. You will see a screen similar to Figure 2.

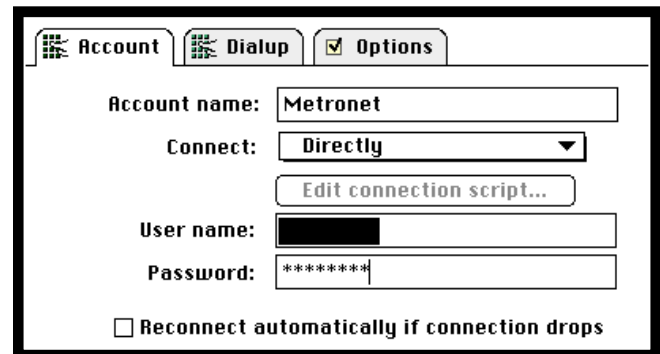


Figure 2. The Account tab.

Type **Library** as the account name. Select “directly” for the Connect option.

Type in your 8-character user name and password listed on the *General Setup Information* handout. Be certain to enter upper and lower case letters as indicated. It is also important to distinguish zero's and O's and one's and lower case L's.

Click on the Dialup tab. You will see a screen similar to Figure 3 on page 2.

Enter the dial-in phone number and area code listed on the *General Setup Information* handout in the “Main number” section.

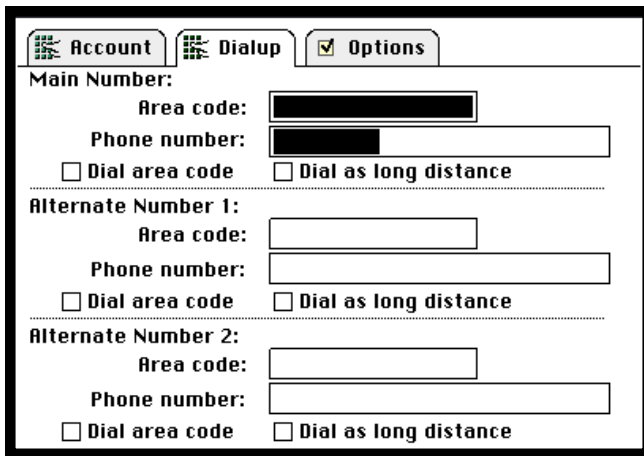


Figure 3. The Dialup tab.

Click on the Options tab. You will see a screen similar to Figure 4.

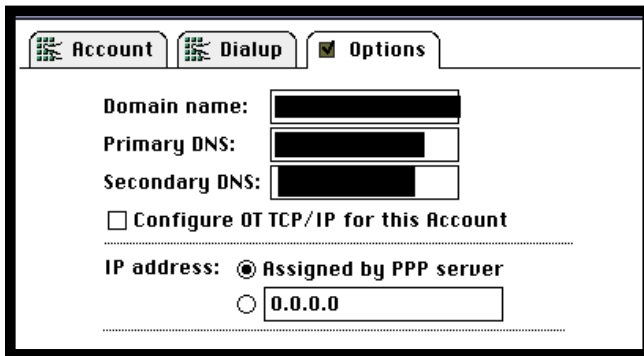


Figure 4. The Options tab.

Type the domain name listed on the *General Information Setup* handout.

Type the primary and secondary DNS numbers listed on the *General Information Setup* handout.

Click on the circle next to "Assigned by PPP Server" to select it for the IP address.

Click on OK to save all of these settings for the "Library" account.

Click on the Modem tab. Select "Generic modem", and click on the Edit button. You will see a screen similar to Figure 5.

Verify that "Modem Port" is set for the connection setting, "57600 bps" is set for port speed, and "CTS & RTS (DTR)" is set for Flow Control. The "Speaker enabled" and "Hangup on disconnect" options should be checked.

Click on the OK button to save the modem settings.

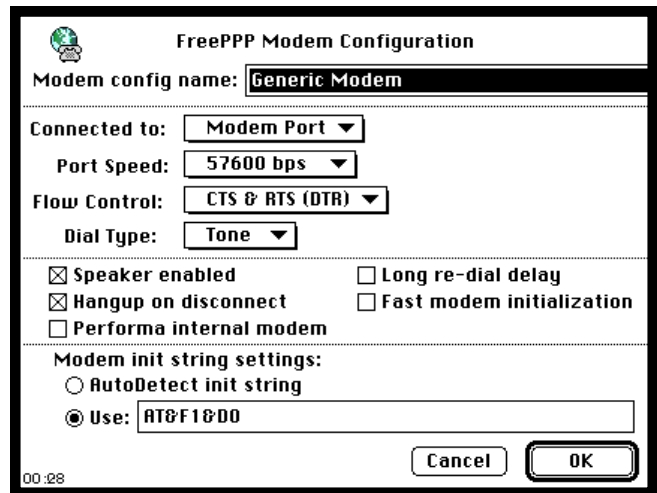


Figure 5. The FreePPP Modem Configuration window.

Click on the General tab. You will see a screen similar to Figure 6.

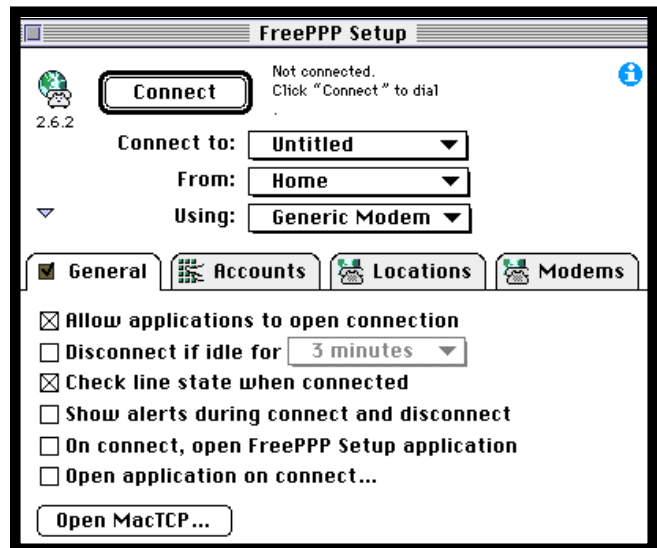


Figure 6. The FreePPP General Configuration window.

Verify that "Allow applications to open connection," and "Check line state when connected" are checked. Turn off all other options on this tab.

If you have MacTCP, click on the Open MacTCP button and go to step 3a. If you have Open Transport, click on the Open TCP/IP button and go to step 3b.

3a. Configure MacTCP 2.06 or Newer

Click on the FreePPP icon on the MacTCP Window shown in Figure 7 on page 3.



Figure 7. The FreePPP icon.

Click on the More... button. You will see a screen similar to Figure 8.

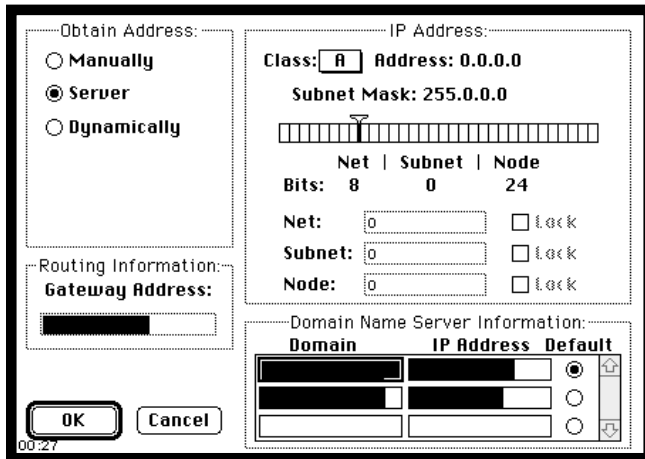


Figure 8. The IP address window.

Select "Manually" under "Obtain Address:".

Click the "A" for the class and change it to "C".

Enter the gateway number listed on the *General Setup Information* handout in the "Gateway Address" box.

Enter the domain name listed on the *General Setup Information* handout in the first Domain box, and the primary DNS number listed on the *General Setup Information* handout in the first IP Address box.

Click on the circle next to this line to make it the default.

Type the domain name listed on the *General Setup Information* handout in the second Domain box, and the secondary DNS number listed on the *General Setup Information* handout in the next IP address box.

Select "Server" under "Obtain Address:".

Click on the OK button to save all of this information.

Close the MacTCP window by clicking on the box in the top left corner of the window. Go to step 4.

3b. Configure Open Transport (TCP/IP Control Panel)

On the TCP/IP Screen, change the "Connect via" setting to "FreePPP". Set the "Configure" setting to "Using PPP Server". Type the Primary and Secondary DNS addresses listed on the *General Setup Information* handout in the "Name Server addr:" box. Your screen should look like Figure 9 when finished (except there will be DNS numbers in the Name server addr box).

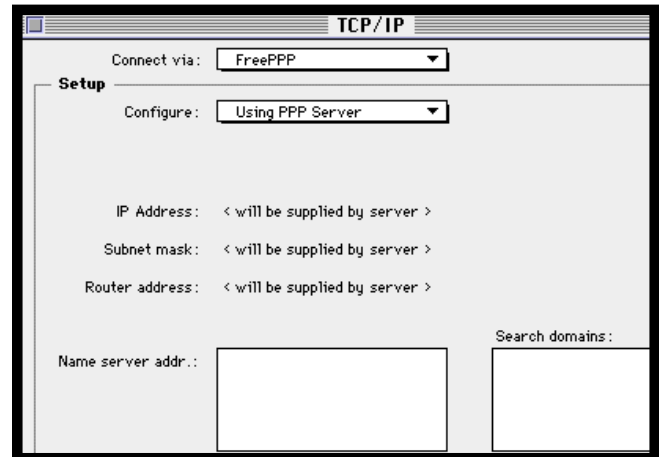


Figure 9. The TCP/IP window.

Click on File, then Quit to exit.

Click on "Save" to save changes to the current configuration. Go to Step 4.

4. Save Final Settings and Restart

On the FreePPP Setup screen. Click on the ▼ (down arrow) to close the setup info. Make sure that "Library" is selected for "Connect to:", "Home" is selected for the "From:" option, and "generic modem" is selected for the "Using:" option. Click on File, then Quit to exit the FreePPP program completely.

Restart your computer to put all of your changes into effect.

5. Connecting

Start your browser (Netscape, Internet Explorer, etc.) Your connection window should open and begin the dial-in process as shown in Figure 10 on page 4.

If the library's modem answers your modem's call,

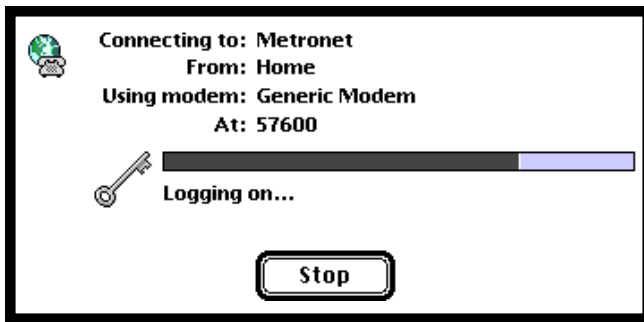


Figure 10. The Connecting to window.

you will see a “connected” message. Otherwise you will see a message indicating all of the library’s modems are busy. If there’s a problem with your modem or phone line, you may see a No Dial Tone message. In this case you will need to refer to “If you are unable to connect” section of the *General Setup Information* handout.

6. After You Are Connected

After making a successful connection, the browser will login to its default startup page. Congratulations, you are now on the Internet!

Please read the “If you are able to connect” section of the *General Setup Information* handout. Also be sure to read step 7 below about disconnecting.

7. To Disconnect

Close your web browser program.

Click on the “Disconnect” button on the FreePPP Setup Window as shown in Figure 11.

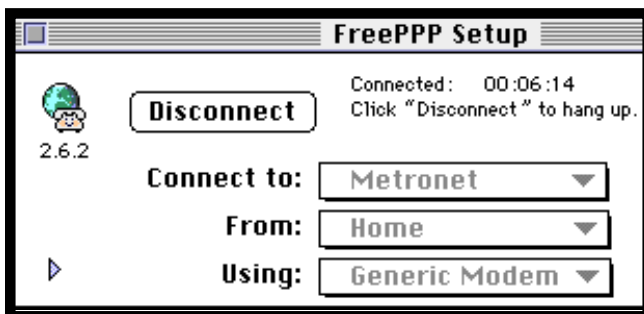


Figure 11. The FreePPP Setup window.

Click on File, then Quit to exit the FreePPP program completely.