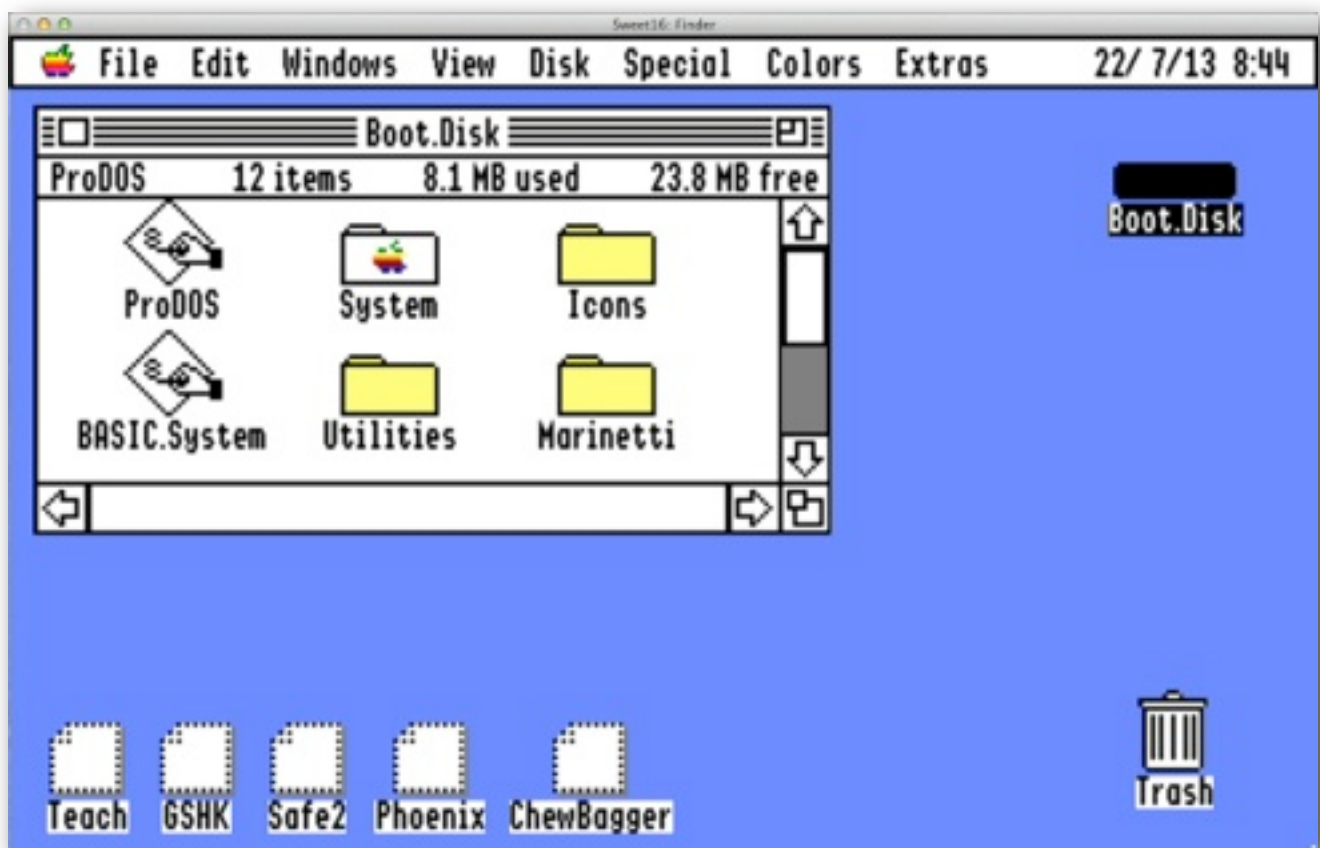




Apple® IIgs

SWEET16™ Starter Kit





To use the Sweet16™ Starter Kit, you must first install a copy of Sweet16™ itself, and provide your own IIgs ROM image. Although it is already installed for you on the disk image, you must also own a copy of the GS/OS 6.0.1 operating system. To download a copy of Sweet16™, visit Sheppy's Sweet16™ homepage:

<http://www.sheppyware.net/software-mac/sweet16/>



The Starter Kit



Welcome to the Sweet16™ Starter Kit

Background

Many years ago, I prepared a simple starter kit so people could get started quickly with the Bernie][The Rescue emulator. It gave users a ready made bootable disk image, which bypassed the chicken and the egg problem of getting a working system 6.0.1 onto a blank disk that could boot in the emulator.

It was suggested to me recently that we needed the same kind of starter kit for Sweet16, which would let users get started, and especially be able to quickly transfer files in and out of Sweet16 without the need of intermediate disk images.

This is the result. Enjoy!

Using the Starter Kit

In most cases, just double clicking the SW16 Starter.2mg file will start up Sweet16 and mount the disk image. If that does not happen, simply select the file, Cmd-I to Get Info, and change so that it will Open with Sweet16. It would be a good idea to use the Change All button, so all other .2mg files will open up Sweet16 as well.

However, as the point of the Starter Kit is to get you where you can easily transfer files in and out of the emulator, you will need to do a little more work in both Sweet16, and on the Mac, for that to happen. Refer to the ‘Getting Started’ section later below for full details on how to do that.

You will also find various other utilities and applications on the disk which you may find useful. I have listed these at the end of this PDF, and you will find similar PDF manuals for many of my own own programs on my web site.

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Getting Started

The Sweet16 Starter Kit consists of a PDF with this set of instructions, and the SW16 Starter.2mg disk image. The disk image has been built so everything you need has been pre-configured, and will allow you to connect to the Internet right out of the box. Although there are many things you might wish to change in time, until you have got things working, please do not change anything other than is described below. If you need to, simply extract a fresh copy of the SW16 Starter.2mg file, and start over.

The disk image has been built to mount in Sweet16 v2.3.1 or later, and to run in Mac OSX 10.5 or later. It has also been pre-configured with Marinetti, and to allow direct printing from any Hgs application directly into TextEdit.

In order to use Marinetti, and any programs that require it to be installed, your Macintosh must first be connected to an active DHCP router. In other words, you must already be able to access the Internet from the Mac for Marinetti to connect as required.

If you regularly access the Internet from GS/OS, you might wish to set Marinetti so it connects at boot. To do this, once the disk has booted into GS/OS, go to the TCP/IP Control Panel, and click 'Set Up Connection', and check the box 'Connect to network when GS/OS boots'. Click OK to confirm your choice.

After booting successfully, and with your Mac connected to the Internet, you should now be able to double-click the SAFE2 or Webber alias from the Aliases folder. If you open SAFE2, double-click the Asimov entry in the right hand window. After a short time, you should connect to their server.

If you wish to connect directly into your Mac from SAFE2, so you can transfer files back and forth to it, you will first need to turn on the built-in FTP server in Mac OSX. Depending on which OSX you are using, the steps will be different. For Leopard and Snow Leopard, choose the Leopard instructions, and for Lion or later, choose the Lion instructions. For High Sierra and later, you will need to install the FTP Server application available from the App Store.

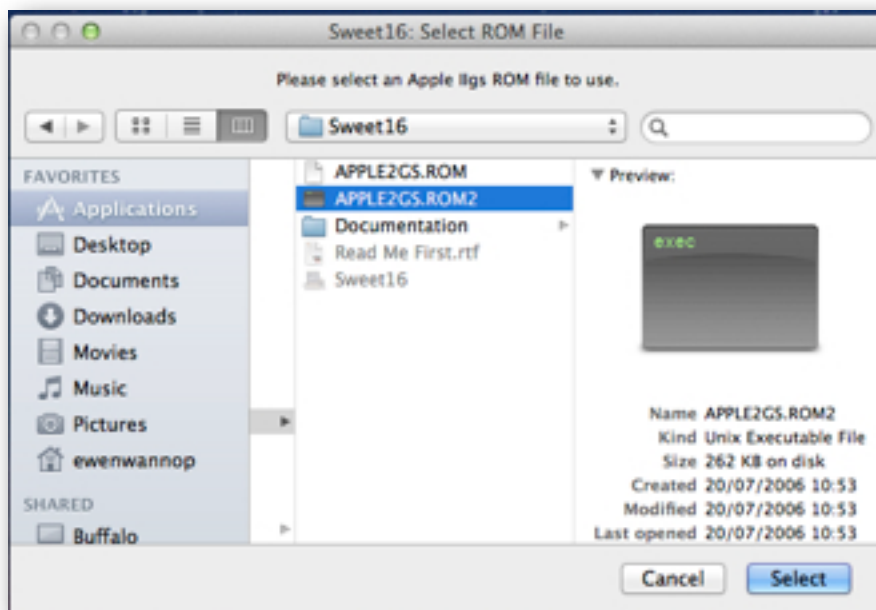
Setting up Sweet16™

Referring to the ‘Read Me First’ file that comes with Sweet16™, install Sweet16™, and place one or both of your ROM images into the same folder.

Go to your Home folder on the Macintosh, and open the Library folder. To see the Library folder in Lion and later, you will need to hold down the Alt key, and select Library from the Go menu in the Finder.

Open the Application Support folder, and if it does not exist, create a folder inside called ‘Sweet16’. Inside that folder, again if it does not exist, create a folder called ‘Disk Images’, and put the ‘SW16 Starter2.mg’ file into it.

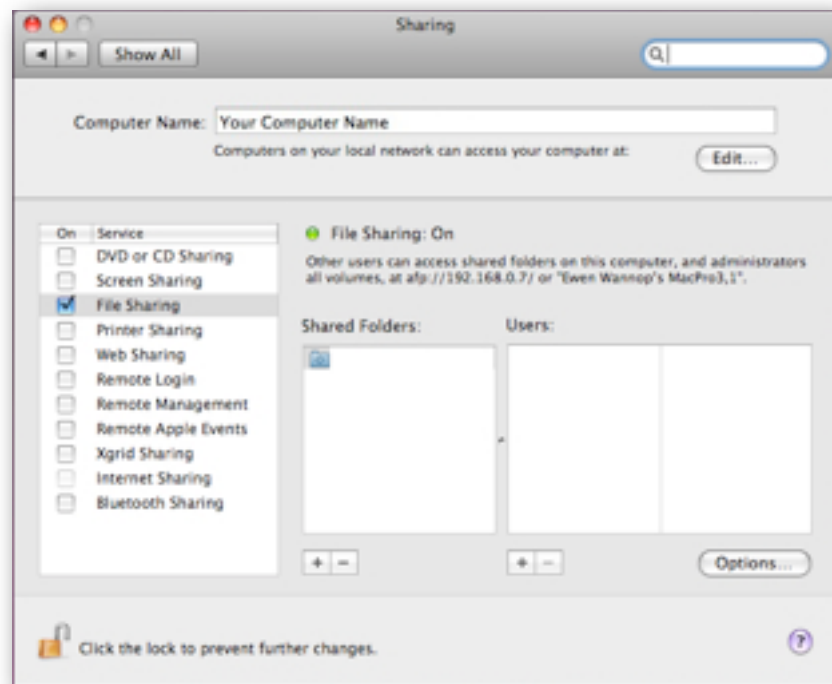
Now start up Sweet16™, and select the ROM image you wish to use. If you have the larger ROM 03 image, then preferably select that image:



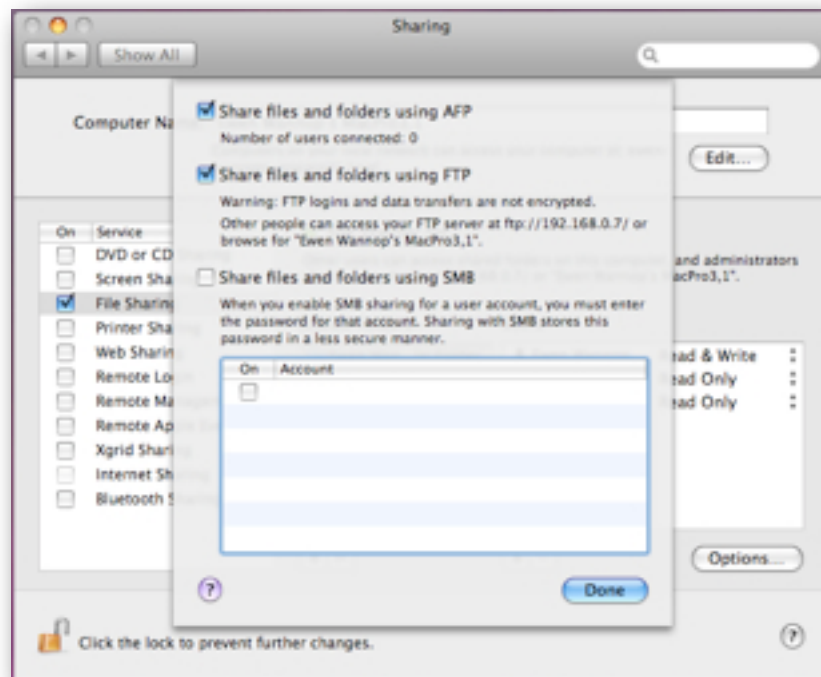
If all is well, you should now have booted up into the GS/OS Finder, have Marinetti connected, and be ready to go online.

Setting up the FTP server in Leopard

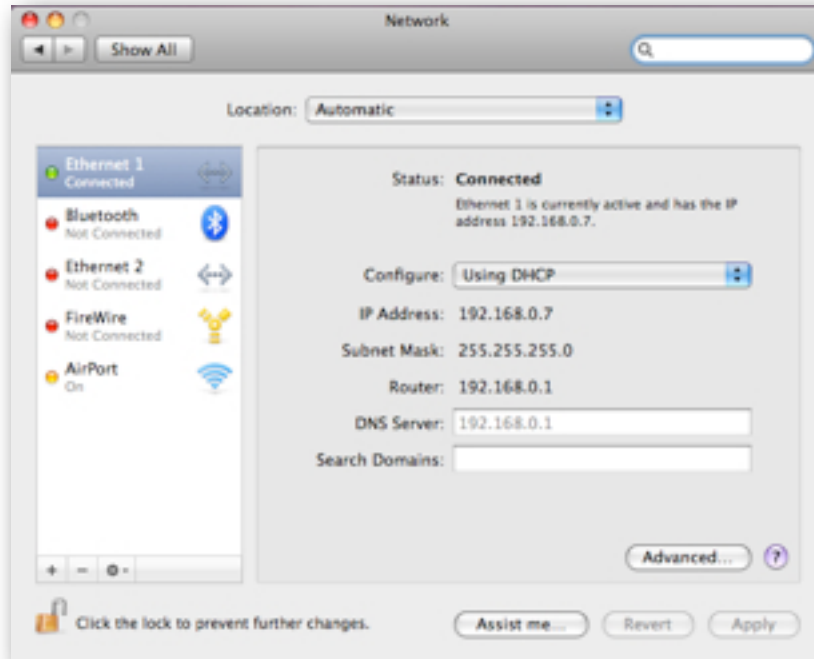
Go to System Preferences, select the Sharing pane and check 'File Sharing':



Now click the Options button, and tick the box against 'Share files and folders using FTP':



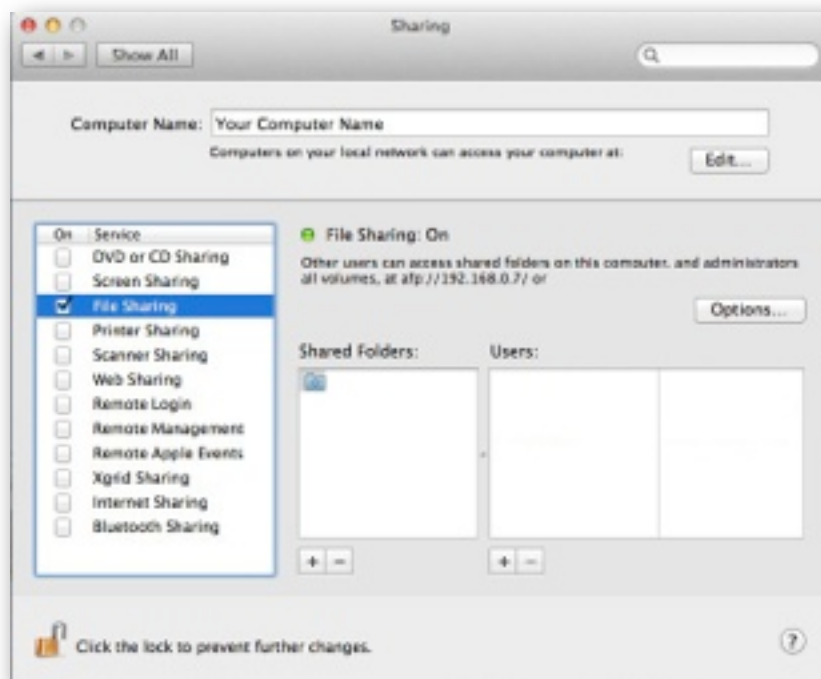
Click Done, and then click Show All, and select the Network pane. Note the IP Address for the active connection, this shows with a green dot:



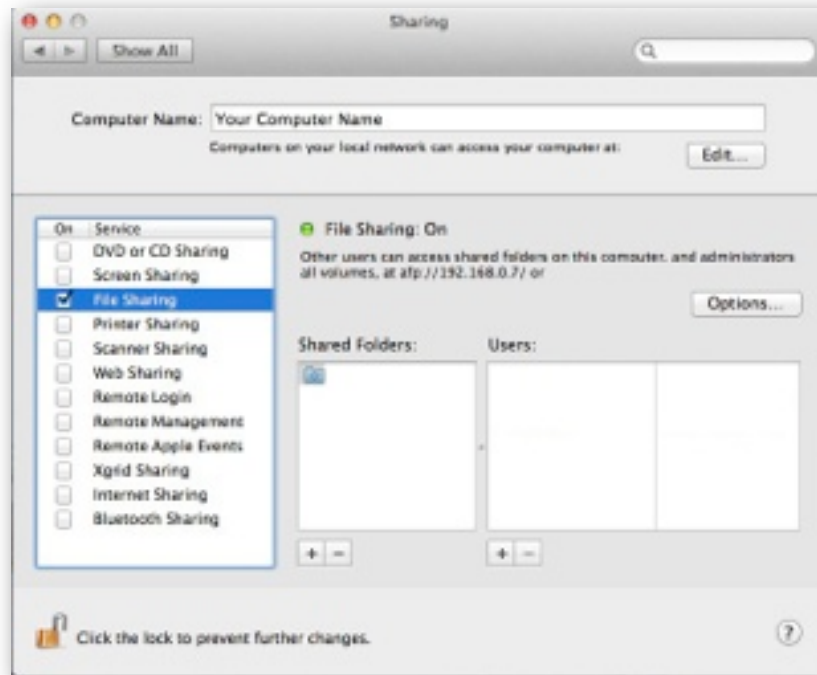
Now move down to the section on 'Using Safe'.

Setting up the FTP server in Lion

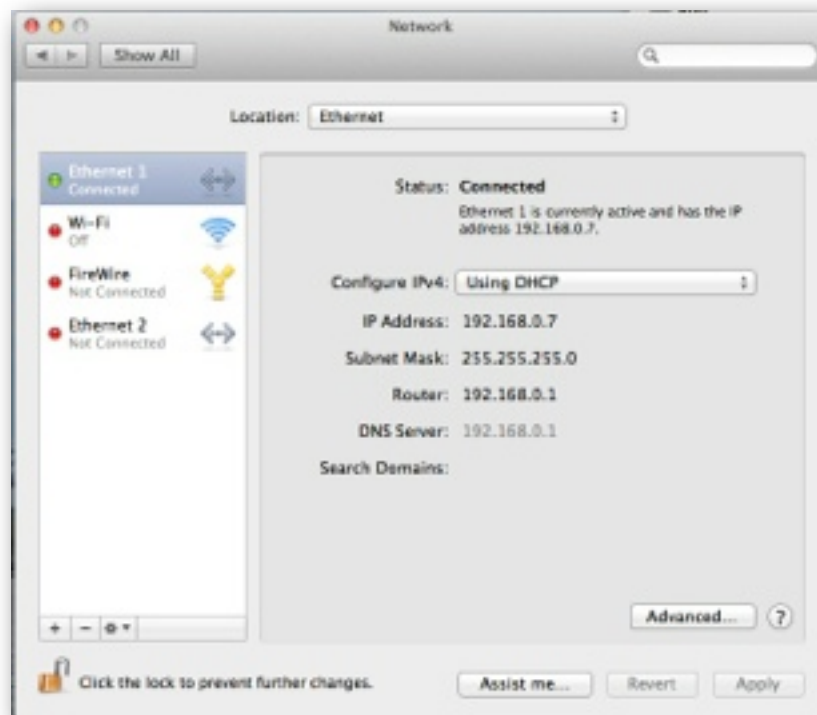
Go to System Preferences, select the Sharing pane and check 'File Sharing':



Click Show All, and select the Network pane. Note the IP Address for the active connection, this shows with a green dot:

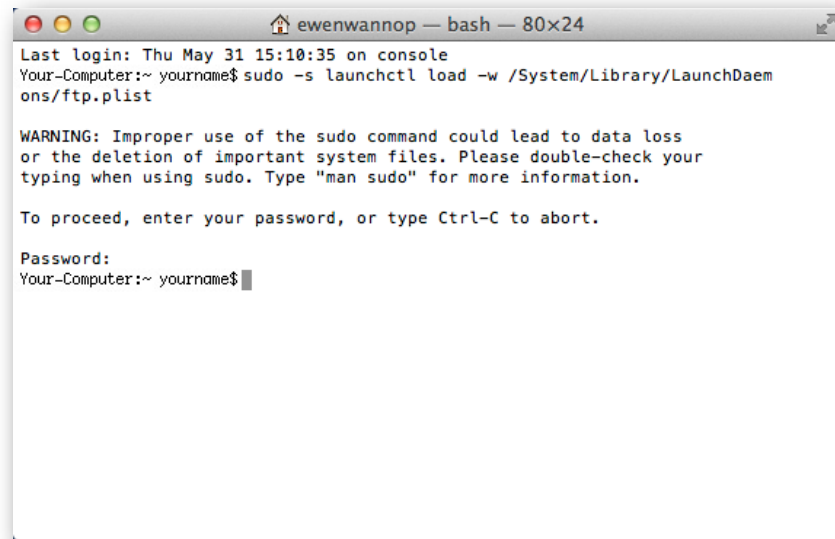


Click Done, and then click Show All, and select the Network pane. Note the IP Address for the active connection, this shows with a green dot:



You will now need to turn on the FTP server in Lion, which by default is off. Issue this command in Terminal:

```
sudo -s launchctl load -w /System/Library/LaunchDaemons/ftp.plist
```



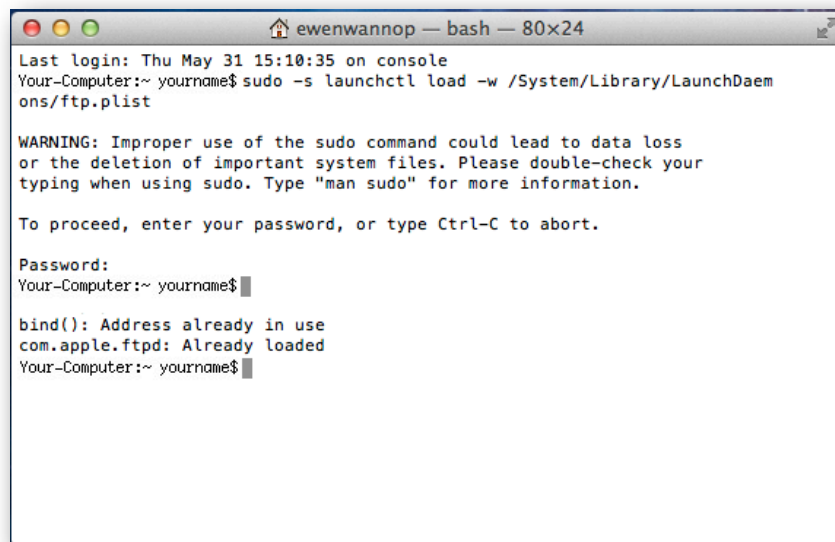
```
ewenwannop — bash — 80x24
Last login: Thu May 31 15:10:35 on console
Your-Computer:~ yourname$ sudo -s launchctl load -w /System/Library/LaunchDaemons/ftp.plist

WARNING: Improper use of the sudo command could lead to data loss
or the deletion of important system files. Please double-check your
typing when using sudo. Type "man sudo" for more information.

To proceed, enter your password, or type Ctrl-C to abort.

Password:
Your-Computer:~ yourname$
```

You will need to confirm the command with your administrator password. If you are not sure if the command has taken, issue the sudo command a second time, and you should see this message:



```
ewenwannop — bash — 80x24
Last login: Thu May 31 15:10:35 on console
Your-Computer:~ yourname$ sudo -s launchctl load -w /System/Library/LaunchDaemons/ftp.plist

WARNING: Improper use of the sudo command could lead to data loss
or the deletion of important system files. Please double-check your
typing when using sudo. Type "man sudo" for more information.

To proceed, enter your password, or type Ctrl-C to abort.

Password:
Your-Computer:~ yourname$

bind(): Address already in use
com.apple.ftpd: Already loaded
Your-Computer:~ yourname$
```

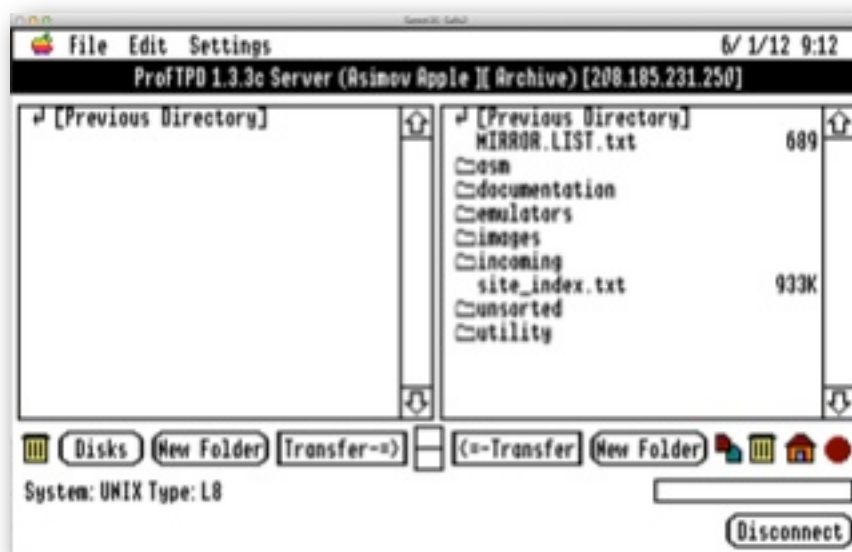
For High Sierra and later, the native FTP server is no longer available. It is suggested that you install the "FTP Server" application instead. FTP Server is available from the App Store on MacOS.

Using Safe2

You are now ready to open the SAFE2 alias and start transferring files:



Try double-clicking either the Asimov or GNO name in the right hand window, and after a few seconds, you should connect to their server and see a list of files:



You can now open folders and transfer files. For more details on how to use SAFE2, read the documentation in the SAFE2.Archive folder, where you can learn how to edit a Favourite to point to your Macintosh or other servers.

Once you have successfully connected to either Asimov or GNO, you are ready to try and connect to the onboard FTP server in your Macintosh. Make sure you have Disconnected from any FTP servers, and from the Settings Menu, select 'Edit Favourites', and selecting 'Your Macintosh', click the Edit button:



You can edit the 'Name:' field to anything you like, as this is only used internally in SAFE2 for its menus and lists. In the 'FTP Host:' field, enter the IP Address for your Mac that you noted in the System Preferences Network pane in the instructions above. If this ever changes, either because your router has reallocated it, or you have chosen WiFi instead of Ethernet, you will need to go back to the Network pane, note the new IP Address, and change it here. If the IP Address regularly changes between two or more known values, you could simply add more Favourite entries, with those various addresses. Now in the 'User Name:' and 'Password:' boxes, enter the details you use for administrator access to your Mac. This is necessary for you to be able to login in to the FTP server on the Mac. For the Directory, enter either the default path '/', or an actual path to the folder you wish to open. If you right click on the folder name at the top of a window in the Macintosh Finder, you will see the sub-directory path to that folder. Just enter each folder in turn, with a '/' divider:

`/Your Macintosh/Drive/Users/Your Name/Folder/Sub Folder/`

Click 'OK' to confirm your changes, and you should now be able to double-click that entry from the right hand window, and connect directly into the host Macintosh.

The Supplied Applications

!Help!

An NDA which used by applications to provide a simple onboard Help system. Included are !Help! files for !Help! itself, Babelfish™, Disk Access II™, NiftySpell™, SAFE2, SAM2, and SNAP.

Babelfish™

A universal file translator accessible from either the Convert File NDA, or applications that support it, such as Spectrum™, SAM2, and SNAP.

Download a PDF from my web site that explains Babelfish™ in more detail.

BrkDown

A powerful disassembler for both 6502 and 65816 applications.

ChewBagger

A file editor and disassembler.

Desktop Alarm

A handy clock and alarm NDA displaying in the menu bar.

Disk Access II™

An NDA to give you access to information on your disks, folders, and files, as well as formatting and copying utilities.

GScii+

An NDA for encoding and decoding files in formats such as BinSCII.

GSHK

A powerful archiving tool for files, folders, and disks.

Hermes

A basic word processor in an NDA.

LHext

LHext is a utility for extracting files from LZH archives.

Marinetti

The amazing TCP/IP stack by Richard Bennett-Forrest. Marinetti gives IIgs applications access to the Internet. It has been pre-installed for you on this disk, and pre-configured to access the Sweet16 Link Layer. In other words, you are all ready to go when you have mounted the Starter Kit in Sweet16!

Networker2

Ping, Lookup, TraceRoute, Whois, Port Scan, and a manual Explorer, lets you troubleshoot your Internet connections.

NiftySpell™

A spell checker for the IIgs. You can access NiftySpell either from its NDA, or from applications such as SAM2 which support it directly. You will find the source code and documentation in the Utilities folder.

Phoenix

A file un-deleter and recovery tool.

PMPUnzip

Unzips zipped archives. Instructions and documentation are in the Utilities folder.

SAFE2

SAFE2 is a powerful FTP application, that lets you access not only public FTP servers such as Asimov and GNO, but also the onboard FTP server on your Mac. This lets SAFE2 easily get files into and out of the Sweet16 environment, without the need of copying files to and from disk images.

Full instructions and documentation are in the SAFE2.Archive folder, but to get going quickly, please refer to the ‘Getting Started’ section earlier in this PDF.

SAM2

An email client to access POP3 and SMTP mail servers. You will find documentation in the SAM2.Archive folder.

SNAP

An NNTP news client to access Usenet, and other news servers. You will find documentation in the SNAP.Archive folder.

Spectrum™

A powerful and fully scriptable communications application, for Telnet and other servers.

StolenBASE

StolenBASE is an NDA to decode Base64 files.

Teach

Apple’s default word processor for the IIgs.

Time Zone

A tool to allow your Timezone information to be set for applications such as SAM2, and SNAP. Set this up from the Time Zone Control panel before using these applications. You will find documentation in the Utilities folder.

Note that Time Zone is preconfigured for Eastern Standard Time in the USA. You will need to change that to your local time zone.

Versions

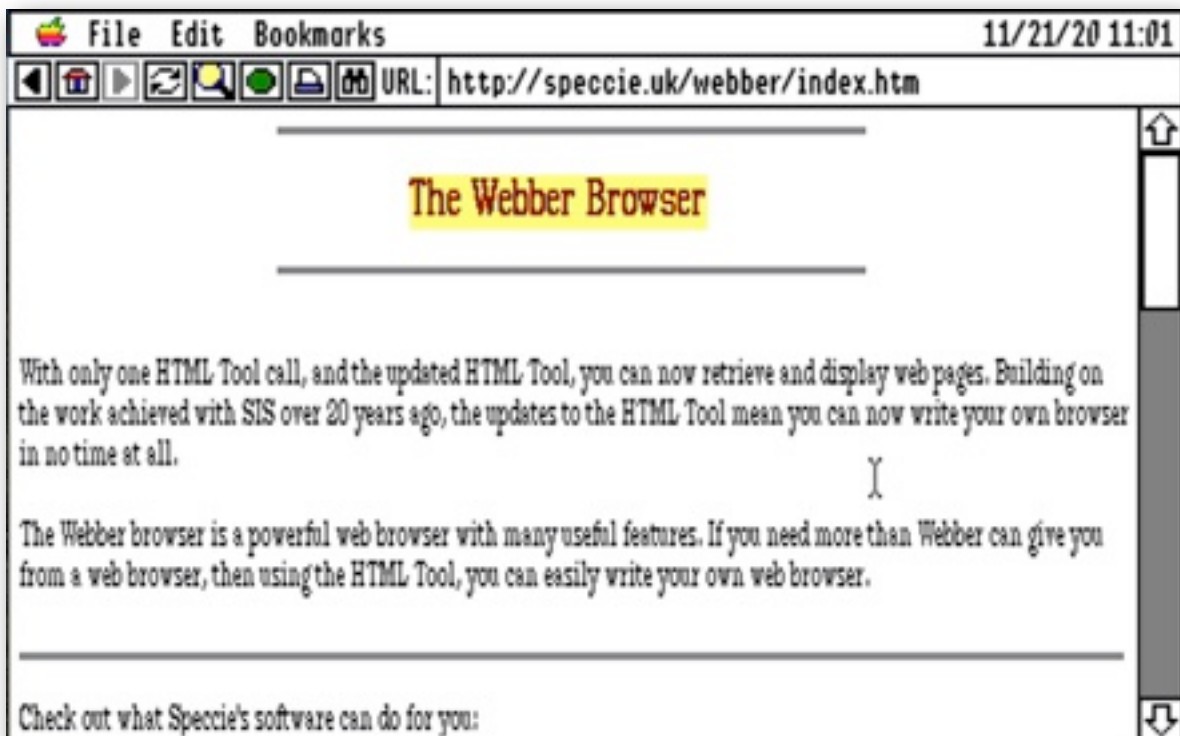
Keep your apps up to date by running Versions from time to time. If an update is available, Versions lets you download it directly to your hard disk.

Webber

A powerful web browser, with many useful features such as Bookmarks, Caches, and a Navigation Stack.

Note: Please refer to the relevant web pages on my server, for extensive PDF Manuals explaining how to use my applications:

<http://speccie.uk>





Extras



Problems

Hopefully you will have none, but if you do, and they cannot be answered by reading these notes, please contact me on:

spectrumdaddy@speccie.uk

Other information

Check for the latest version of Marinetti:

<http://www.apple2.org/marinetti/>

If you do not already know about Spectrum™, please drop by my home pages, or the Syndicomm web site, and read more. Apart from all the other wonderful things it does, Spectrum™ offers many useful tools for processing files, such as post processing text files that you have received that may have obstinate formatting.

You will also find on my web site regular updates to my own programs, PDF manual versions to many of them, as well as many other files that you might find useful:

<http://speccie.uk>

<http://store.syndicomm.com/>

Someone once said to me, 'Spectrum™ does everything!'