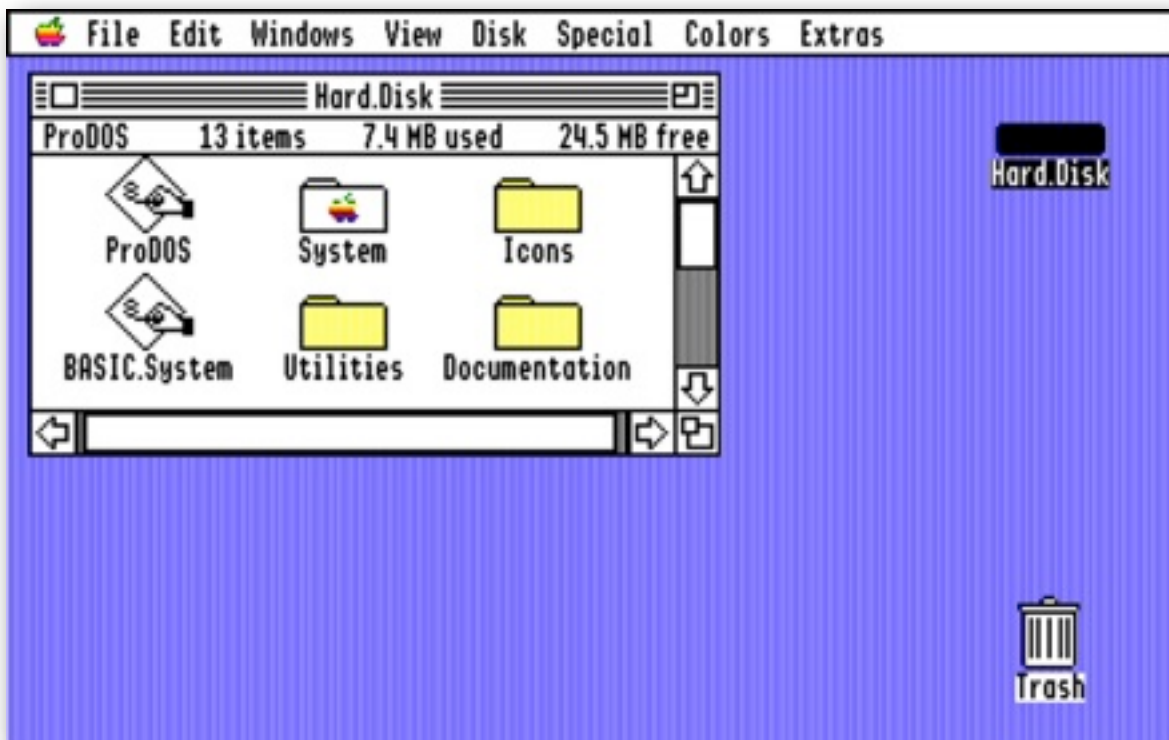




Apple® IIgs

Speccie's IIgs Starter Kit





The Starter Kit



Welcome to Speccie's Iigs 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 into the emulator.

Some years later, I also produced a similar starter kit for Sweet16, which would let users easily get started with Sweet16.

With the recent release of the Uthernet II card, I have created yet another Starter Kit. This new kit will allow anyone with a real Iigs, or an emulator, to start using both right out of the box.

This is the result. Enjoy!

Using the Starter Kit

You will need to mount the 'Speccies Iigs Starter Kit.2mg' image file on your real Iigs or emulator so it can boot. This may require first copying it to a CFFA or similar card.

As well as a basic installation of System 6.0.4, 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. On my web site, you will find PDF manuals for those of my own programs that have been included on this disk:

<http://speccie.uk>

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Getting Started

The Speccie's IIgs Starter Kit consists of a PDF file with this set of instructions, the 'Speccies IIgs Starter Kit.2mg' disk image, and System 6.0.1 and 6.0.4 release disks. The disk image has been built with Marinetti already installed, which will allow you to connect to the Internet right out of the box. You will also find a number of useful utilities.

I have also included a number of my own programs. Unlike the Sweet16 Starter Kit, these have not been pre-installed, and are only provided in their archive form. To use these applications, you will need to open the archive folders, and follow the instructions for installing any required extras.

The disk image has been built to mount directly into System 6.0.4. It will boot on a real IIgs, or an emulator such as Sweet16.

In order to use Marinetti, and any of the 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 computer for Marinetti to connect as required.

You will need to configure Marinetti for the Ethernet interface you are going to be using. In addition to Link Layers for the normal interfaces, I have also included Link Layers for the original Uthernet I card, as well as the Uthernet II card, the Sweet 16 emulator, and for a generic emulator. Note, the Sweet16 Link Layer defaults to being inactive, to avoid conflict on a real IIgs. Refer to the section on Setting up Sweet16 for more details.

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.

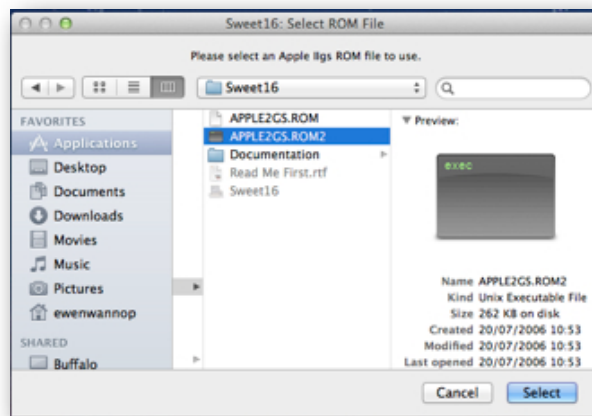
Setting up to use with Sweet16™

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:



Boot the ‘Speccies IIGS Starter Kit’ disk image, and open the TCP/IP folder in the System Folder, look for the file Sweet16, select it, and either press OA-I, or select Icon Info from the Special menu to open its Info window.

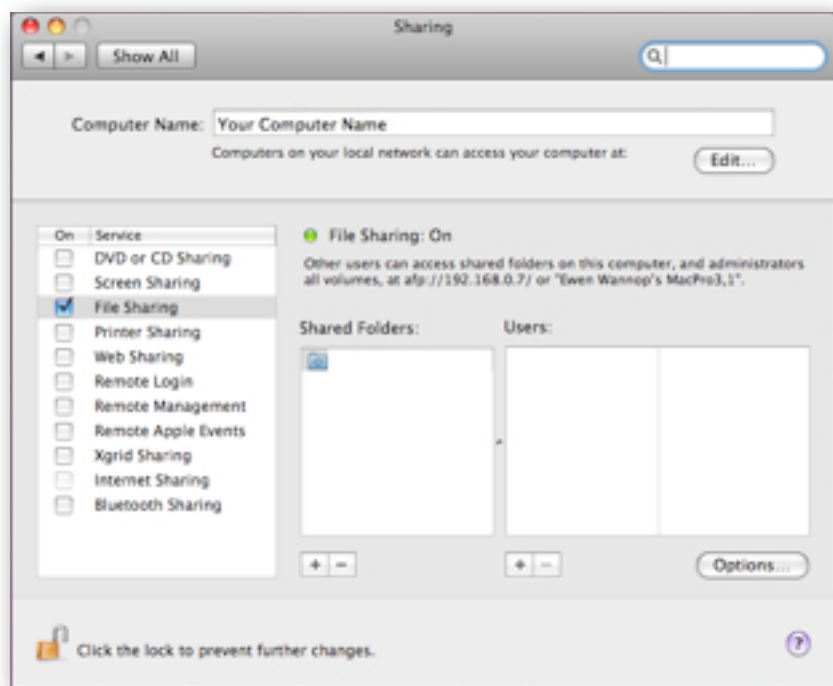
Make the “Sweet16” Link Layer in the TCP/IP folder active by unticking the Inactive checkbox if necessary. If it had been inactive, reboot so Marinetti can now see the Link Layer is active.

From the Apple menu, select Control Panels, and open the TCP/IP panel. Setup your required connection, referring to the Marinetti.Docs in the Documentation folder if necessary.

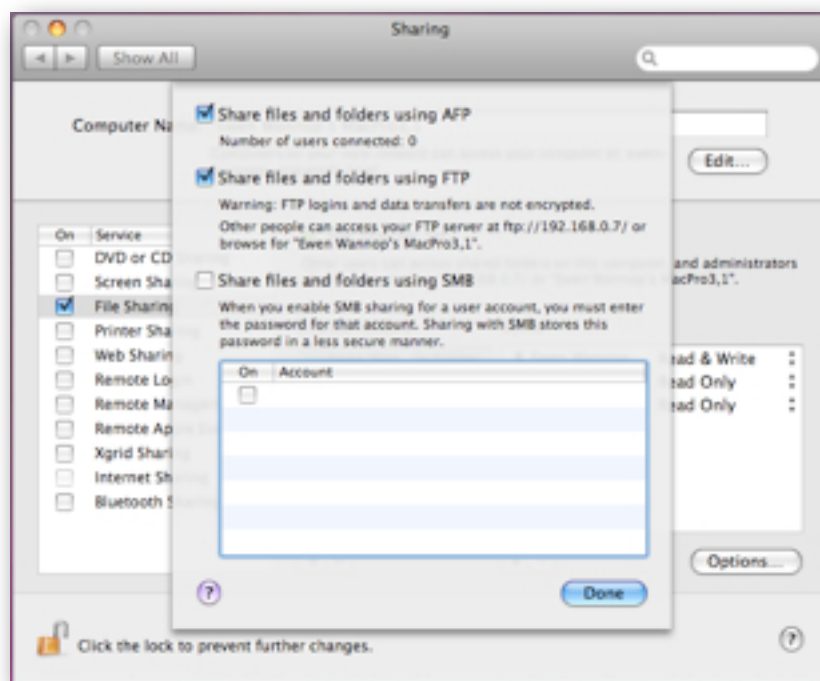
If all is well, you should now have booted up into the GS/OS Finder, have Marinetti connected, and be ready to go online.

Setting up the FTP server in Leopard

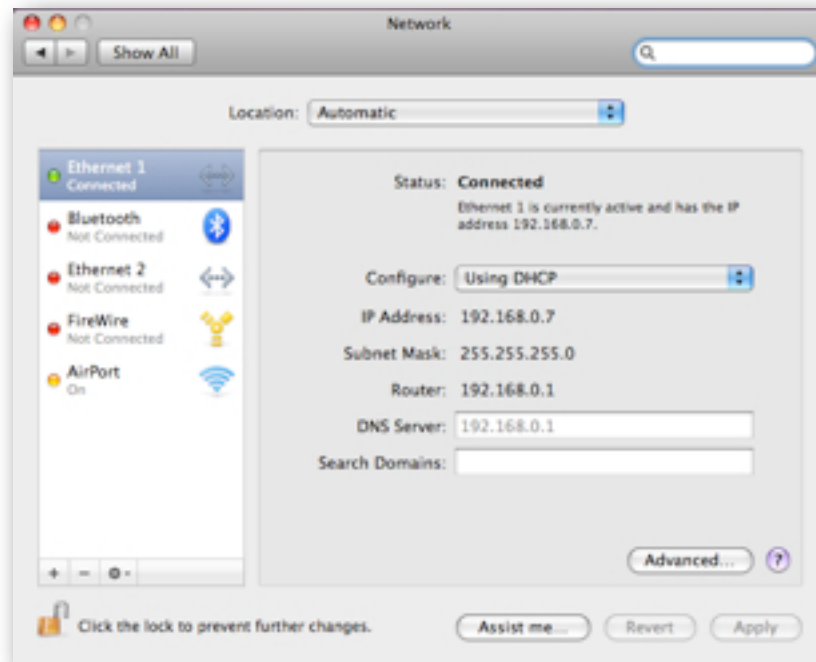
Go to System Preferences, select the Sharing pane and check 'File Sharing':



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



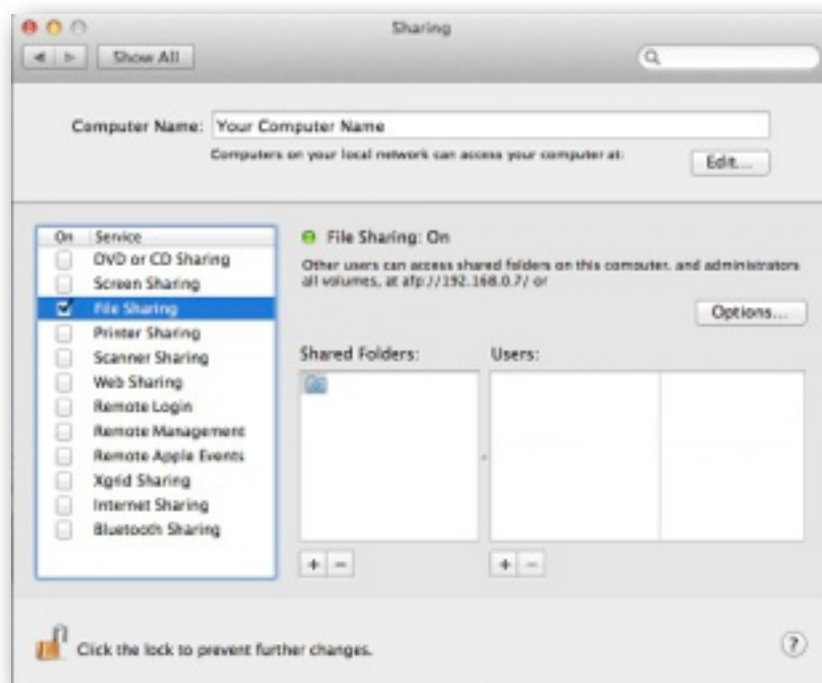
Click Done, and then click Show All, and select the Network pane. Note the IP Address for the active connection, this shows with a green dot:



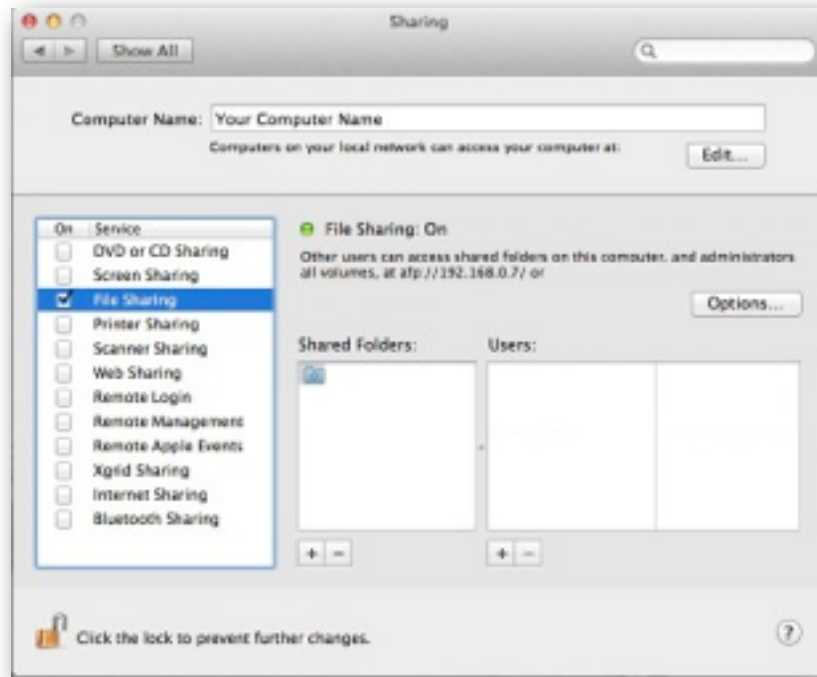
Now move down to the section on 'Using Safe2'.

Setting up the FTP server in Lion or later

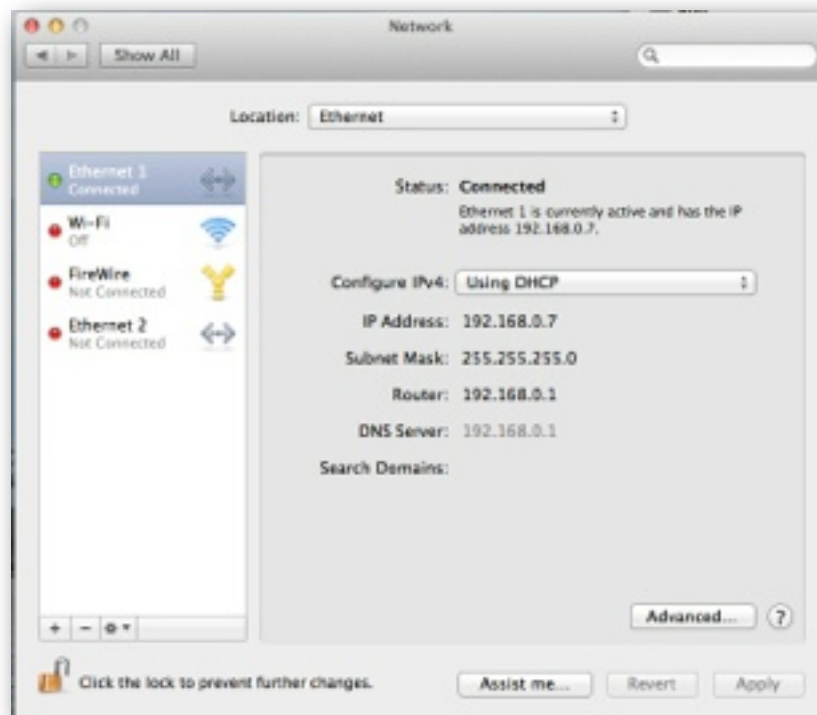
Go to System Preferences, select the Sharing pane and check 'File Sharing':



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

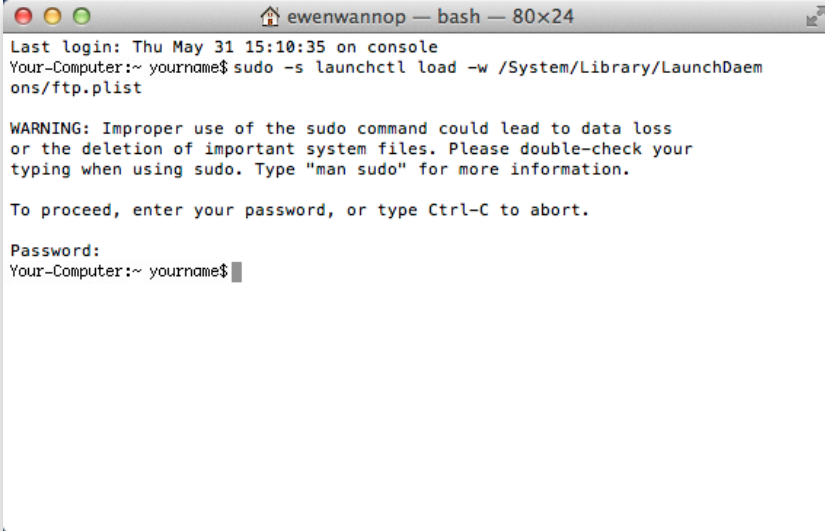


Click Done, and then click Show All, and select the Network pane. Note the IP Address for the active connection, this shows with a green dot:



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
```



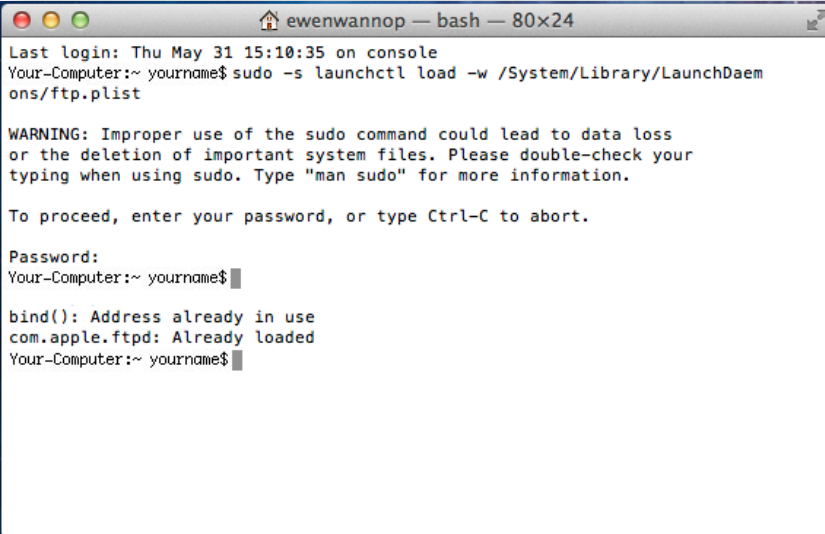
```
ewenwannop — bash — 80x24
Last login: Thu May 31 15:10:35 on console
Your-Computer:~ yourname$ sudo -s launchctl load -w /System/Library/LaunchDaemons/ftp.plist

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$
```

Note: In High Sierra and later, the native FTP server is no longer available. It is suggested that you use the small "FTP Server" application instead.

FTP Server is available from the App Store in MacOS.

The Additional Applications

BrkDown

A powerful disassembler which will create ORCA/M or Merlin 16 source files from either 8 or 16 bit forked applications.

ChewBagger

A file editor and basic disassembler.

ClipCopyPlus

A Finder Extra that lets use new commands in the Finder, such as OA-C and OA-V to copy and paste files within the Finder.

GScii+

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

GSHK

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

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!

NetWorker

An Internet explorer, letting you PING, Lookup, TraceRoute, Whois and Port Scan, as well as explore the Internet using text commands.

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.

SOS.FTP

An FTP client in a Desk Accessory.

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.

You will find the Time Zone application, and installation instructions, in the SAM2, SNAP, and SAFE2 archive folders.

Undo Manager

A tool to allow Undo and Restore with LineEdit and TextEdit controls. This is supported in recent updates to my software, including Spectrum itself.

Versions

An update manager system. Lets you see what applications on your hard drives are out-of-date, and then lets you download the latest archives.



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>

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