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System 7.5: Full ReadMe (11/95)

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TOPIC -----

The following article is the Read Me document for System 7.5.

DISCUSSION -----

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TIPS

System Update 3.0

System Update 3.0 is a set of software enhancements that improves the performance and reliability of Macintosh computers running system software version 7.1, 7.1.1 (System 7 Pro), or 7.1.2 (for Power Macintosh). When you upgrade your system software from any of these versions to 7.5, you automatically get the enhancements provided in System Update 3.0.

PowerBook Duo 210 and 230 Models

When Macintosh system software 7.5 is installed, PowerBook Duo 210 and 230 models can use Type III batteries.

PowerBook 200 and 500 Series Printing to Serial Printers

If you have trouble printing to a serial printer that is connected to the Printer/Modem port of your PowerBook 200 or 500 series computer, do these steps:

1. Depending on whether or not your PowerBook has Express Modem installed, do one of the following:
 - Open the Express Modem control panel and choose Use External Modem.
 - Open the PowerBook Setup control panel and choose Normal.
2. Open the Chooser and do the following:
 - Turn off AppleTalk.
 - Select the serial printer.
 - Select the printer/modem icon (or the modem icon if the printer/modem icon is not available).

How to Reconnect to a Lost Server

When connection to a server is unexpectedly lost, the server's icon remains dimmed on the screen. If you double-click the dimmed icon or choose the server from the Recent Servers item in the Apple menu, you get a message telling you that the disk could not be opened because you do not have enough access privileges. Before you can reconnect to the server, you must close any open files, and then drag the server's dimmed icon to the Trash. If you need to save your work on an open file, use Save As to save it on a different disk.

How to Use the old "Find File" Feature

In System 7.5, the Find File program appears when you choose Find from the File menu. If you want to use the earlier Find feature instead of the Find File

program, follow these instructions:

1. To launch Find, press Command-Shift-F.
2. To find an item again, press Command-Shift-G.

How to Use the Shutdown Items folder

The Shutdown Items folder (inside the System Folder) allows you to specify scripts or programs that automatically run during the shutdown process. It works much like the Startup Items folder. To specify an item to run during shutdown, follow these instructions:

1. Put the item into the Shutdown Items folder.
2. To run the Shutdown Items, choose Shut Down or Restart from the Special menu. (Do not choose Shut Down from the Apple menu. It will not launch items in the Shutdown Items folder.)

How to Rebuild Your Desktop

It is not necessary to rebuild your desktop periodically. However, when you do rebuild your desktop see the information below.

Some Apple and non-Apple extensions may interfere with rebuilding your desktop. To prevent problems, you'll need to turn off all extensions except Macintosh Easy Open before you rebuild the desktop. When you finish rebuilding the desktop, turn the extensions you normally use back on.

To rebuild the desktop, follow these steps:

1. Before you rebuild your desktop, use the Extensions Manager to save a record of the extensions that are currently turned on.
 - Open the Extensions Manager control pane.
 - Open the Sets pop-up menu, and choose Save Set.
 - When the Save Set dialog box opens, type a name for your currently selected extensions (for example, 'My Extensions'). When you close the dialog box, the name of your set is added to the Sets pop-up menu.
2. To turn off all extensions, open the Sets pop-up menu again and choose All Off.
3. To turn on Macintosh Easy Open, find it on the list and click it to put a checkmark beside it.
4. To rebuild the desktop, restart your computer while holding down the Command and Option keys.
5. When you see the dialog that says "Are you sure you want to rebuild your desktop on your disk? All of your info window comments will be lost," release the keys and click OK.
6. When the desktop is rebuilt, open the Apple menu and choose Control

Panels.

7. Open the Extensions Manager control panel.
8. To turn your extensions back on, open the Sets pop-up menu and choose the name you gave your set of extensions in step 1 (for example, 'My Extensions').
9. Restart your computer to activate the extensions.

CloseView and the Apple Video Player

You can use CloseView to magnify part of the display up to 16 times and to invert the display. CloseView is not currently compatible with the Apple Video Player. If you want to view video in the Apple Video Player, you must turn off CloseView. To turn off CloseView, press Command-Option-O or open the CloseView control panel and click the Off button.

Express Modem Software

Any time you re-install your Macintosh system software, you should also re-install your Express Modem software.

TROUBLESHOOTING

Incorrect "Guide" File Balloons

System 7.5 includes Apple Guide documents which provide the on-screen instructions and other information that you need to help you use your computer. However, if you turn on Balloon Help (by choosing Show Balloons from the ? menu) and point to a Guide file icon on the hard disk, the balloon may give you the wrong information about where the file belongs or what you can do with it. To avoid being misled by incorrect balloons, follow the guidelines below:

- Leave Guide files where they are. Some Guide files (for example, the Guide file named "Macintosh Guide") belong in the Extensions folder. Others will not work if they are put into the Extensions folder.
- Keep application programs that have Guide files in the same folder as the Guide file. For example, keep the file named "File Assistant Guide" in the same folder as the File Assistant program. If you move a Guide file that belongs with an application program, you won't be able to get help while using the program.

Apple Guide Documents and Sleep

If your PowerBook is set to go to sleep automatically, it will not sleep while an Apple Guide document is open. If you're not sure whether an Apple Guide document is open, here's how to check: Look for a window that contains instructions and "floats" on top of all the other windows on your screen. An Apple Guide document window remains frontmost and active even when you click

other windows to make them active. Also, look for a window with rows of dots (rather than lines) in the title bar. To close an Apple Guide document, click the close box in the upper-left corner of the window.

QuarkXPress

To use QuarkXPress with System 7.5 on a Power Macintosh, you must upgrade to QuarkXPress version 3.3.1 or later. For upgrade information contact Quark, Inc. at 1-800-788-7835.

GeoPort and Power Macintosh

System 7.5 on the Power Macintosh requires version 1.0.1 of "GeoPort for Power Macintosh." Other GeoPort versions are not compatible with System 7.5 on the Power Macintosh. Version 1.0.1 of GeoPort is available on the CD version of System 7.5 or from 1-800-SOS-APPL.

NOTE: This is not part of the Read Me file. GeoPort for Power Macintosh 1.0 and 1.0.1 will function with System 7.5, but there are outstanding bugs customers need to work around:

- 1.0 has two problems with virtual memory:
 - Network file transfers will fail when VM is on.
 - Data connections will fail when VM is on.
- 1.0 and 1.0.1 will crash the computer on restart if there are any faxes waiting to be sent in the Waiting to be Faxed folder.
- The modem speaker must be turned off at all times through the Express Modem control panel to prevent intermittent crashing.

This article can help you locate the GeoPort for Power Macintosh 1.0.2 update, it is available on online services:

- "Where To Find Apple Software Updates"
Lists online services for "free" Apple software updates.

Using ISO 9660 and High Sierra CD-ROM Discs

Discs in the ISO 9660 and High Sierra formats have version numbers attached to filenames. Some application programs need these version numbers in order to use the files. If you have problems using an ISO 9660 or High Sierra CD with a program, follow the instructions below to make the version numbers available to the program:

1. Make sure the application program you want to use with the CD is active.
2. Drag the CD icon to the Trash to eject the disc.
3. Hold down the Option key while you reinsert the disc. Keep holding down the Option key until the disc is in the player. The program should now be able to locate the filenames on the CD-ROM disc.

Printing Large Fonts with LaserWriter Version 7.2 or 8.1.1

If QuickDraw GX is not installed and your printer uses either the LaserWriter 7.2 or the LaserWriter 8.1.1 (or earlier version 8) driver, your system may crash rather than report an out-of-memory error when printing large QuickDraw GX fonts or other large fonts. The problem will be fixed in the LaserWriter 8.2 driver.

Problem with AudioVision 14 Display Software on PowerBooks

If you have AudioVision 14 Display software installed on a PowerBook, you may have trouble with the pointer "freezing" (not responding to the trackball) after you install System 7.5. To fix the problem, do these steps:

1. Turn off your computer.
2. Start up your computer while holding down the Shift key (to turn off all extensions).
3. When the computer is ready, drag the AudioVision extension out of the Extensions folder.
4. Restart your computer to turn the extensions back on.

The Assistant Toolbox and Non-Networked Printers

If the Assistant Toolbox extension is installed on your computer, the Print Later option (LaterLaser) works only with networked PostScript printers. If you are printing on a non-networked printer—particularly a LaserWriter Select 310—you should open the Extensions Manager control panel and turn off the Assistant Toolbox extension.

Losing Your Desktop When You Have an AV Card Installed

If you have an audio-video (AV) card installed, it is possible to lose access to your desktop. If you encounter the problem on a Power Macintosh, see the Troubleshooting section in the manual that came with your computer. If you encounter the problem on another model of Macintosh computer, see the information below:

- If you select the AV card in the Monitors control panel when no monitor is attached to the card—This usually happens when the Monitors control panel is set to "Rearrange on close" and you move the menu bar to a video card (such as the Power Macintosh AV Card or a non-Apple video card) when no monitor is attached to the card. The computer cannot determine whether the AV card really has a monitor attached. When you restart the computer, you do not have access to your desktop. To correct the problem, you will have to remove the AV card and change the primary monitor back.
- If you are using a single monitor that is NOT attached to the AV card and the AV card is set to greater bit depth than your monitor—When you start up the computer with the AV card installed, the system thinks that there is a monitor attached to the AV card. For example, if you are using a single monitor that is not attached to the AV card, the system

thinks there are two monitors. The new color picker tries to show itself on the deepest screen available. If the depth of the AV card is greater than the bit depth of your main display, the AV card becomes the main display. To correct the problem, attach a monitor to the AV card, and then restart your computer and use the Monitors control panel to set the AV card to black and white (1 bit depth).

Macintosh Centris/Quadra 660AV, Quadra 840AV, and Alert Sounds

If you have a Macintosh Centris/Quadra 660AV or Quadra 840AV, some system alert sounds may not play correctly with the Alert Volume turned down. To avoid the problem, keep the Alert Volume turned all the way up and adjust the Built-in system volume. (To adjust Built-In volume, open the Sound control panel and choose Sound Out from the pop-up menu.)

Help with the Japanese or Chinese Language Kit

Japanese and Chinese Language Kits version 1.1 or earlier may not be compatible with System 7.5. To run effectively, please upgrade your language kit to version 1.1.1 or later.

Volumes Larger than 2 GB

Volumes larger than 2 gigabytes (GB) with lots of files may show a negative number for bytes used in the Get Info dialog box. An incorrect number of bytes used does not indicate that the data on your disk is damaged.

RasterOps Video Board

Some older RasterOps video boards with ROM earlier than 2.0 may not be compatible with System 7.5. Before installing System 7.5, you should determine the ROM revision of the RasterOps video board by doing the steps below:

1. Start up your computer with the RasterOps video board.
2. When the RasterOps logo appears, look at the ROM version in the top right corner of the monitor.

Boards with ROM revision 2.0 or later should operate correctly with System 7.5.

If your ROM is earlier than 2.0, contact RasterOps Technical Support for upgrade information. The RasterOps Technical Support department is available Monday through Friday from 8:00 a.m. to 7:00 p.m. Eastern Standard Time.

Worldwide: (317) 577-8788
U.S.: (317) 577-8788
AppleLink: RASTERHELP

IMPORTANT INFORMATION ABOUT MACINTOSH PC EXCHANGE

This section contains important information about Macintosh PC Exchange

Apple File Exchange and Macintosh PC Exchange

The Apple File Exchange software is not compatible with PC Exchange and should not be used while PC Exchange is installed. Version 2.0 of PC Exchange contains an easier and more intuitive method for accessing DOS and Apple II ProDOS disks on a Macintosh.

AutoDoubler

To use AutoDoubler with Macintosh PC Exchange, you must first open the AutoDoubler control panel and turn off the "Show DD on Compressed Files" option.

ClarisWorks Version 1.0v2 or Earlier

Some versions of ClarisWorks cannot read or write files on DOS-format floppy disks. To open a PC document in ClarisWorks, you must first copy the document to your computer's hard disk. Always save ClarisWorks documents on your Macintosh hard disk. You can then copy the documents to a DOS-format floppy disk. Contact Claris to obtain version 1.0v3 or later of ClarisWorks.

Compressed PC Disks and Files

Macintosh PC Exchange does not work with DOS-format floppy disks or SCSI hard disks that have been compressed using Stacker or other MS-DOS or Windows disk-compression utilities. Before transferring compressed DOS files to a Macintosh, you must decompress the files and save them to a non-compressed DOS-format floppy disk.

Working with PC-Format Disks Containing Multiple Partitions

If a SCSI hard disk or removable media cartridge has been formatted to contain multiple partitions, you can use PC Exchange to mount the Macintosh-, DOS-, or ProDOS-format partitions as individual logical drives on the Macintosh desktop. If the disk contains both Macintosh and DOS-format partitions, PC Exchange will only recognize the Macintosh partition. In addition, PC Exchange will only recognize ProDOS-format partitions on SCSI hard disks that are less than 32 megabytes.

You can use PC Exchange to erase existing individual partitions on a SCSI hard disk or removable media cartridge if they have the same format. However, you cannot use PC Exchange to reformat and resize individual partitions contained on the disk. Nor can you format a Macintosh-format hard disk or removable media cartridge as a DOS-format disk. To resize or reformat multiple Macintosh, DOS, or ProDOS partitions, you need to use third-party software designed for partitioning hard disks and removable media cartridges.

Working with DOS-Format SCSI Removable Media Devices

In order for PC Exchange to recognize SCSI removable media devices, you must turn on the device and eject any cartridges before you turn on your Macintosh system.

Do not install the device driver software that came with your removable media device. Instead, open the PC Exchange control panel, click the Options button, select your SCSI device from the list, and then restart your Macintosh. PC Exchange will install its own device driver for that SCSI device.

The Eject Disk command is unavailable when you are working with removable media devices. To unmount and eject a removable media cartridge, drag the device's icon to the Trash. Once the device has spun down and the red light goes out, you can manually eject the cartridge from the drive. To access a removable media cartridge that has been ejected, simply reinsert the cartridge in the drive.

When initializing and formatting Bernoulli and SyQuest cartridges on a PC-compatible computer, use the disk setup and partitioning software that came with the SCSI controller card installed in your PC or that came with your Bernoulli or SyQuest device. Do not use the MS-DOS Fdisk command to initialize a removable media cartridge. In addition, you should use the MS-DOS Format command to format the disk before you copy DOS files to a newly initialized removable media cartridge on a PC.

When you initialize a removable media cartridge on a PC-compatible computer, you must fully partition, initialize, and erase the cartridge using the software that came with your SCSI controller card or removable media drive. If you do not, PC Exchange may not recognize the new DOS-format partitions on that cartridge.

Working with DOS-Format SCSI Hard Disk Drives

In order for PC Exchange to recognize SCSI hard disk drives, you must turn on the drive before you turn on your Macintosh.

Do not install the device driver software that came with your removable media device. Instead, open the PC Exchange control panel, click the Options button, select your SCSI device from the list, and then restart your Macintosh. PC Exchange will install its own device driver for that SCSI device.

When initializing and formatting an external SCSI hard disk on a PC-compatible computer, use the MS-DOS Fdisk command or the disk setup and partitioning software that came with the SCSI controller card installed in your PC. In addition, you should use the MS-DOS Format command to format and erase the disk before you copy DOS files to a new SCSI hard disk on a PC.

Tips and Problems

- A "Sad Mac" error may occur on your Macintosh if a removable media cartridge is left in the drive during startup. To keep this problem from occurring, manually eject removable media cartridges from the drive before you turn on your Macintosh.
- PC Exchange cannot recognize SCSI hard disks, removable media devices, or drive container files that contain more than one gigabyte of disk space.

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