PowerBook: Sys 7.5 Update 2.0 Changes (5/96)

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TOPIC ---

Below is a list of components that have changed from PowerBook 5300 System
Software Update to System 7.5.3, by installing System 7.5 Update 2.0. Each
component that has changed has been listed, along with a description of what the
changes were between the two versions.

DISCUSSION ---

```
Item                          PowerBook 5300       System 7.5 Update 2.0
                              System Software Update
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APPLE MENU ITEMS
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CHOOSER                       7.5                     7.5.4
Support for Open Transport.

FIND FILE                     1.1.1                   1.1.2
Numerous fixes.


CONTROL PANELS
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APPLE MENU OPTIONS            1.1                     1.1.2
```
Fixed a problem with international sorting where items would end up out of
order if the script system and the file system had different ideas about
sorting order. (Finnish suffered from the problem.)

```
EXTENSIONS MANAGER            3.0.2                   3.0.3
```
3.0.3 made a change so that internal Apple projects find it easier to build a
set of extensions for projects. This change will not be seen by end users.

```
GENERAL CONTROLS              7.5.5                   7.5.7
```
Changed the default setting of the Improper Shutdown dialog to ON. This
changed from 7.5.5 to 7.5.6, and then back again with 7.5.7.

```
LAUNCHER                      2.7                     2.8
```

Allow for the selection of an initial default category by name instead of by number. Also changed the default button spacing for the three button sizes so that 9x3 small buttons, 6x2 medium buttons and 4x1 large buttons have exactly the same window size.

```
MONITORS                       7.5.4            7.5.5
```
This version works on all Macintoshes (except the Plus and Classic). The changes were to make Monitors work with Display Manager 2.0 on pre-7.5.2 CPUs, by merging the 7.5.2 versions with the 7.5 version.

```
MOUSE                          7.5.2            7.5.3
```
Added back Mouse Tracks and Thick I-Beam cursor to PowerBooks which support them. Mouse 7.5.2 had removed them for all PowerBooks.

```
NETWORK                        3.0.2            3.0.3
```
Open Transport support. (The network control panel was made OT aware so it will not run if OT is active.)

NETWORK SOFTWARE SELECTOR
This utility allows a user of 68030-, 68040-, and early PowerPC-based computers to choose between Open Transport and classic AppleTalk networking   if both are installed. (You must restart the computer for the change to take effect.) PCI-based computers support only Open Transport.

```
SPEECH                         N/A              1.4.1
```
Allows you to change the default voice and other Speech Manager related settings.

```
TRACKPAD                       7.5.4            7.5.5
```
Fixes a problem where the mouse and trackpad settings would lose sync over restart on PowerBook 500 series machines.

CONTROL STRIP MODULES

```
MONITOR BITDEPTH               N/A              1.0
```
Part of the Control Strip package. It allows the user to easily change the   bit depth of a monitor.

```
MONITOR RESOLUTION             N/A              1.0.1
```
Support for Display Manager 2.0 on pre-7.5.2 CPUs. (Similar to the Monitors changes.)

EXTENSIONS

```
EM EXTENSION                   3.0.2                3.0.3
```
Same as Extensions Manger Control Panel 3.0.3.

```
ABOUT APPLE GUIDE              1.2              1.3
```
Some wording was changed.

```
ABOUT COLOR SW PRO CMM          1.0                 1.0.1
Some wording was changed.


APPLE GUIDE                     1.2.7               2.0.2
```
• Fixed script system handling by first attempting to use the script code from
the current database. This enables better handling of localized database files
and fixes a Look For problem in Japan systems.

• Fixed a memory leak (~2k) of an international resource that occurred
everytime a database was opened. This occurred in Apple Guide's heap.

• Fixed a bug in <Delete Index> that affected Japanese systems.

• Fixed problems with mixed mode handling of installed coach and context
handlers. This occurred on PowerMacs running native Apple Guide 1.2.5 and
installing handlers from native or 68K applications.

• Fixed an index bug that originally surfaced on Japanese systems. When
multiple mixin files (aka additions) were in use, items would disappear
from the index list. The real culprit here was a bug that was dropping
every 21st index item from the combined index list from all the mixins in
use. This bug would occur on any system software version, not just
Japanese.

• Fixed improper handling of international resources that could crash some
systems.

• Fixed a problem where mixin files whose gestalt criteria failed on PowerMacs
causing Apple Guide to shut down completely. For example, if you are on a
PowerMac and a PowerBook mixin was present on the machine, v1.2.5 would
completely shut down because that mixin couldn't be used. It now just ignores
that mixin and continues running.

• Now built with a 'weak' link to QuickTime. This means that when run on a
PowerMac, Apple Guide will continue to run even if QuickTime isn't installed.
Previously, 1.2.5 would refuse to start up if QuickTime wasn't present on the
machine.

• Added Gestalt selector 'ag_v' to return the current installed version of Apple
Guide. Very similar to the 'sysv' result code.

• Added localizable error strings used in various abort msgs.

• Modified index sorting code to default to USACII sorting only if the
current script is Roman and the current language is English. Previously,
1.2.5 would default to USASCII on any Roman script system.

• Fixes an incompatibility with Microsoft Office Manager introduced by Apple
Guide version 2.0.

• Fixes a problem which could cause Apple Guide to crash at undetermined
points.

```
APPLE MODEM TOOL                1.5              1.5.5
Supports higher speed serial connections (up to 230kb) due to the new
SerialDMA driver which is supported on the Macintosh 680x0 AV and Power
Macintosh desktop machines.

APPLESHARE                      3.6.1            3.6.1RevB
Set the bundle bit.  This fixes a problem where the icon of the AppleShare
file might not be displayed correctly.

FINDER HELP                     7.5.3            7.5.5
Just keeping in sync with the Finder.

FINDER SCRIPTING EXTENSION      7.5.3            7.5.5
Just keeping in sync with the Finder.

IRTALK                          1.2              1.3.1
IRTalk 1.3.1 provides support for Open Transport.  A machine that is using
IRTalk and has OT installed and turned on, must have IRTalk 1.3 or greater, or a
crash will occur.

LASERWRITER 8                   8.3.2            8.3.3
A change was made to keep third party applications that fail to call PROpen from
crashing when printing.

MACINTOSH GUIDE                 1.2              1.3
A large number of changes and additions were made to the Guide information.

NETWORK EXTENSION               7.1.3            7.5.5
Keeping in sync with the Finder. Some BlockMove calls were changed to
BlockMoveData for speed.

PB 5300 GUIDE ADDITIONS         1.0              1.3
A large number of changes and additions were made to the Guide information.

PRINTER DESCRIPTIONS
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LASERWRITER 16/600 PS-J         N/A              1.1
 Slight changes to printer information for driver usage.

LASERWRITER 4/600 PS            N/A              1.0
Postscript parameters and printer information for the LW 4/600 PS printer.

LASERWRITER COLOR 12/600 PS     N/A              1.1.1
Slight changes to printer information for driver usage.

PRINTER SHARE                   1.1.2            1.1.3
Increased the stack space internally to work with Open Transport. Printer
Share 1.1.3 is required to work with Open Transport.

SHORTCUTS                       1.2              1.3
A number of small changes were made to ShortCuts, including a few wording
changes, as well as some additional tips.
```

```
SPEECH MANAGER                     1.3                1.4
```
Previous to version 1.4 of the PlainTalk family of software, all of Apple's
text-to-speech software and speech recognition was packaged together in one big
installer (and there was no Spanish text-to-speech before version 1.4). As of
version 1.4, there are three separate installers: "English Text-to-Speech",
"Mexican Spanish Text-to-Speech", and "English Speech Recognition". The
text-to-speech installers both install the Speech Manager extension.

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VOICES                             N/A
```
Different sounding voices for use with Speech 1.4 (MacinTalk 2 or 3 depending on
the CPU).

```
SYSTEM FOLDER
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```
FINDER                             7.5.4              7.5.5
```
Fixes a crash that would occur when you drag one Zip disk onto another.

```
SYSTEM 7.5.2 UPDATE                N/A                7.5.3
```
This replaces the PowerBook 5300/190/2300 Enabler. It includes the
following additional bug fixes:

• Fixed a problem with the BatteryPrediction code which could cause a
PowerBook to crash when the machine is booted.

• Fixed a problem where At Ease would hang when command-power was depressed
without a debugger present.

• Fixed a problem in PowerMgrLib that could cause a crash when turning
AppleTalk off, then back on, then opening the Chooser.

• Includes the 2300c track pad update.

• Includes the 7.5.2 Printing Fix.

• Changed a constant (kMaxDepth) from 8 to 16 in MouseTracks.c (part of
QuickDraw). This is a test to see whether or not mouse tracks can be
turned on based on the screen depth and it was too shallow.

• Fixed a problem where PC cards were left unlocked after waking from sleep,
which could lead to possible data loss.

• Fixed a problem with notification manager alerts on all machines. Before the
fix, the alerts that involve a flashing icon, could result in the wrong icon
being used in the Application Menu after the alert is dismissed. Another of the
problems this fixes is that the clock (all machines) and battery level indicator
(PowerBooks/Duos) would be erased, stay blank briefly, and be redrawn when an
alert sound is played.

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