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PowerBook 2300: Cannot Startup From Partitioned Drive (1/97)

Revised: 1/29/97
Security: Everyone

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Article Created: 21 January 1997
Article Reviewed/Updated: 29 January 1997

TOPIC -----

I have two PowerBook 2300c (Duo) series computers both of which have partitioned hard drives. Neither one of them starts up properly since I used Drive Setup 1.2.2 which came with System software 7.6 to update the driver on one hard drive and to partition the other.

- On one of these computers I had previously partitioned the hard drive into multiple volumes with a version of Drive Setup prior to version 1.2. It started up fine until I updated the hard disk driver using Drive Setup 1.2.2.
- On the other computer I did not partition or update the hard drive with an earlier version of Drive Setup before I partitioned the hard drive into multiple volumes using Drive Setup 1.2.2.

What is wrong with Drive Setup 1.2.2? How can I partition these hard drives into two or more startup volumes each?

DISCUSSION -----

Issue

When the ATA hard disk driver is installed by Drive Setup 1.2, 1.2.1, and 1.2.2 * you can no longer change from which partition you want your computer to start up. One of two things may happen:

- 1) The Startup Disk control panel beeps when a partition icon is clicked in the Startup Disk window. Startup Disk control panel does not accept any attempts to change the setting that determines which disk is to be the startup disk.
- 2) In other instances, you do not hear a beep when a partition icon is clicked in the Startup Disk window. The Startup Disk control panel does accept your attempts to change the startup disk setting, but the setting is not saved.

Because the startup disk/partition selection cannot be changed, even if there are usable System Folders on multiple partitions, there is no way for your computer to start up from the other partitions.

If you partition a PowerBook 2300c hard drive with Drive Setup 1.2.x, or you update a previously partitioned PowerBook 2300c hard drive with Drive Setup 1.2.x, you will have this problem.

Workaround

One workaround is to update the hard disk driver with Drive Setup 1.0.5. It is not necessary to reformat or reinitialize the hard drive. All you have to do is open Drive Setup 1.0.5, select the internal hard drive, and select Update Driver.

* Note: Drive Setup 1.2.2 allows you to update a volume even when Password Security installed and activated. It also fixes an issue which caused the drive to sometimes spin up and then down again before going to sleep or shutting down. If you use Drive Setup 1.0.5 instead of 1.2.2, you will lose these enhancements.

This article appeared in the 27 January 1997 issue of the Information Alley.

Article Change History:

29 Jan 1997 - Reworded for clarity and searchability.

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Tech Info Library Article Number:20849