CD-ROM Booting: Questions and Answers (5/96)

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TOPIC --

1) How can a CD be the startup disk for any system equipped with a
    CD-ROM drive?

2) Do the CD-ROM drivers have to be loaded first before
    you can use the CD? Are the drivers in ROM?

3) Can you explain the start up sequence?

4) Why can I not make my own bootable CD-ROM by simply making a duplicate
   mirror image of my computer's internal HD on a write-only CD?

DISCUSSION ---

1) Any Apple system (Macintosh IIci or newer) equipped with an Apple
   compatible CD-ROM drive (that works with Apple's CD-ROM driver)
   can startup from the Install Me First CD-ROM. For detailed
   instructions reference the article, "Macintosh: Starting From Floppy or
   CD-ROM Disk," Article 0018059 in the Tech Info Library.

2) Yes, the CD-ROM drivers have to be loaded before you can use the
   CD. The drivers are read from the driver partition locate
   on the CD-ROM.

3) When the Macintosh starts up it loads in the drivers of the
   peripherals attached to the SCSI bus. The drivers are located in
   the driver partition of each peripheral. When the driver is loaded
   a simple test is performed to check that the driver loaded will
   access the peripheral as expected.

4) An image copy would not work because the CD driver code on the CD,
   and the driver code on the HD, are different. The hard drive image has
   the hard drive driver code. (Apple considers the technology to create
   an Apple bootable CD to be proprietary information.)

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