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QuickDraw GX: Desktop Printers and Low Memory (2/95)

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TOPIC -----

We are getting an unusually high number of 'Out of Memory' or low memory condition messages when working with several QuickDraw GX desktop printers. "About this Macintosh" indicates plenty of RAM is available. Even if we quit all open applications and leave only the Finder and PrinterShare GX running, the messages continue to appear. What causes these out of memory or low memory messages to appear?

DISCUSSION -----

Engineering is aware of "low memory" problems when using multiple desktop printers and printer extensions. The problem stems from the fact that, GX printing uses much of the Finder's heap as its workspace. As we all know, the Finder itself doesn't have that much heap space to work with in the first place, so this does not help the situation.

To minimize the "Out of Memory" messages, reduce the number of desktop printers and printer extensions. We don't have any specific guidelines as to how many of each can be used because this will vary with the type of printer extensions, and current number of extensions and desktop printers. Our suggestion would be to get rid of desktop printers and extensions not in use.

Engineering is looking at ways to handle this better in future versions of QuickDraw GX.

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