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Macintosh Memory Allocation: Application Has Unexpectedly Quit

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Revised:        2/2/93
Security:       Everyone


Macintosh Memory Allocation: "Application Has Unexpectedly Quit"


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Article Change History
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12/10/92 - REVISED
          • To make the article more general rather than specific to
            PageMaker.
02/02/93 - REVISED
          • To add more possible fixes to the list.


TOPIC -------------------------------------------------------------


I keep getting out of memory error messages when performing tasks in an
application.  I also get "Application has unexpectedly quit" error
messages.



DISCUSSION --------------------------------------------------------


This kind of error is usually caused by an application, INIT (Extension), or
CDEV trying to grab more memory than it has been allocated.

Here are some fixes, depending on what's causing the problem:

• Allocate more memory to the application.  Under System 6 Finder,
  applications could grab a lot more memory.  Some manufacturers don't set
  the partition high enough to do certain operations in their programs.  To
  increase the RAM allocation, change the "Application Memory Size" box in
  the Get Info dialog box for the application.

• Replace the application with a new copy.  It may be that the application
  is corrupted.

• Allocate more memory to PrintMonitor.  If you're seeing the error most
  often when printing, and you have background printing turned, try
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  allocating more RAM to PrintMonitor first. Then increase RAM for the
  application.

- Reduce the number of INITs (Extensions) and CDEVs running on the system.
  Remove all INITs (Extensions) that aren't a fundamental part of the
  system software or application. Some INITs use a large amount of memory.

- Try reinstalling the system software. Damaged or corrupted system files
  can cause this error as well.

- If running System 6, an alternate (unsupported) solution is to increase
  the amount of RAM allocated to the system heap using CE Software's
  HeapFixer.

  Note: Altering the system heap can cause other, more unpredictable
  errors. Also note that if running System 7, the system heap is adjusted
  dynamically, and HeapFixer isn't necessary.

  For more information, contact CE Software. (To locate a vendor's address
  and phone numbers, use the vendor name as a search string.)

- This would also be a good time to check for viruses. They can contribute
  to unusual system behavior.

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