

## Re: need to limit or disable files being retained in memory or cache

**Source:**

[http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.perform\\_maintain/2004-09/0664.html](http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.perform_maintain/2004-09/0664.html)

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**Date:** 09/03/04

Date: Fri, 3 Sep 2004 17:04:40 +0100

please note email address requires editing

[www.digitalmystic.co.uk](http://www.digitalmystic.co.uk)

"Cyndee" <anonymous@discussions.microsoft.com> wrote in message  
news:0aa801c491cc\$749fc480\$a401280a@phx.gbl...

> I have two laptops (Compaq presario 1500, Dell Inspiron  
> 1100 – both Pentium 4, both 2 GHz +, both have 512 mb  
> memory) The purpose of these laptops is to use in a  
> medical neurosurgery clinic to view patient CT scans while  
> the patient is there (supplements – negative type films)  
>  
> The problem –  
> The CT scans come on a disk from another hospital. The  
> disk contains a viewing program (I do not want to mention  
> the name). The viewing program loads in a browser window  
> and gives the user an option to view images. At that  
> point, there are usually several directories. I have been  
> choosing the one with the most images (200 +) for my  
> testing. The images take a fairly long time to load 1 – 3  
> minutes. Understanding that the DVD/CD rom is the  
> bottleneck, through tweaking of the system – I have been  
> able to reduce the load of a 220 image file from 3 mins to  
> 1min 15 secs (on both machines).  
>  
> As each CD is loaded, the images are being retained and  
> not released. In my testing I noticed that if I load the  
> CD images, shut the program down but not the computer,  
> reinsert the CD, the images will load in about 2 secs or  
> less. That tells me that they are in memory somewhere.  
> (If I turn the computer all the way off, they have to  
> reload from scratch again). I called the viewer vendor  
> who told me that they purge their images when the program  
> is shut down. That may be but something is keeping them

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- > *either in memory or in cache. They said that Windows XP*
- > *was doing it. I don't know how to prove or disprove that*
- > *but it doesn't matter because my relationship with the*
- > *vendor is indirect and I really don't have the right to*
- > *make any kind of demand at all.*
- >
- > *Here is what I would like to do if possible. When the CD*
- > *loads, I don't want the images to be cached at all. The*
- > *doctor is going to look at the scans only when the patient*
- > *is there and will not look at the same scans in that*
- > *clinic again.*
- >
- > *What I have done in my previous tweaking was to disable*
- > *everything in the startup window and most everything in*
- > *the services window. I adjusted the performance for best*
- > *performance which eliminated all of the check boxes in*
- > *that window. The processor scheduling is for programs and*
- > *so is the memory useage. Those changes seemed to allow me*
- > *to reduce the load time. Now, I have changed the page*
- > *size from the recommended 766 mb to 2048 with a maximum of*
- > *4096 in hopes that it will buy enough space to let them*
- > *get through an entire clinic. I plan to buy more memory*
- > *to double the size but I really wanted to see if my new*
- > *changes would help*
- >
- > *And of course, if I could prevent these images from being*
- > *cached in the first place, that would solve the problem*
- > *altogether – I think.*
- >
- > *Any advice from anyone?*

tried clearing the history?  
ie menu tools/internet options

Alasdair