

Re: Defrag problem

Source:

http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.perform_maintain/2007-01/msg00140.htm

- *From:* "Gerry Cornell" <gcjc@xxxxxxxxxxxxxxxx>
 - *Date:* Sun, 7 Jan 2007 10:59:05 -0000
-

Cal

Whether or not to partition is a controversial subject. In the past those arguing for partitioning have done so on the basis that it helps improve performance. Others dismiss any gains as being minimal pointing out that other factors have more influence on performance. Both arguments have merit. What is not disputed is the pagefile needs to be in the same volume as Windows, unless it is in it's own partition place at the beginning of a second hard drive. Retaining a minimal 50 mb pagefile in the Windows partition is still considered necessary to enable the system to handle small memory dumps, if and when they occur. For more explanations please view links below:

<http://aumha.org/win5/a/xpvm.htm>

<http://aumha.org/a/parts.htm>

Other ways to increase free disk space on your C partition can be achieved by relocation of folders.

For Temporary Internet Files select Start, Control Panel, Internet Options, Temporary Internet Files. Settings, Move Folder.

To move the Outlook Express Store Folder select in Outlook Express Tools, Options, Maintenance, Store Folder, Change.

<http://www.tomsterdam.com/insideoe/files/store.htm>

My Documents is one of a number of system created Special Folders including My Pictures and My Music. These can more easily be relocated using Tweak Ui. Download TweakUI, one of the MS powertoys, from here:

<http://www.microsoft.com/windowsxp/pro/downloads/powertoys.asp>

In TweakUi select My Computer, Special Folders. You can scroll down to see the full list of Special Folders to the left of the Change Location button.

You may also need to change Default File locations in the Microsoft Office programmes you choose to move the My Documents folder. For Word go to Tools, Options, File Locations, highlight Documents, click on Modify and change file path. For Excel go to Tools, Options, General and change default file path.

You mentioned getting an external hard drive. I would think about merely adding a second internal hard drive. I imagine your computer can accomodate this and it would be more convenient.. If you do decide to add a second hard drive, leave the existing hard drive as master and make the new drive the slave.

Re: Defrag problem

Hope this helps.

Gerry

~~~~~

FCA

Stourport, England

Enquire, plan and execute

~~~~~

Cal M wrote:

Mikeysd and Gerry, I appreciate the interest/help. My final frag report: Volume (C:)

Volume size = 14.65 GB

Cluster size = 4 KB

Used space = 8.80 GB

Free space = 5.85 GB

Percent free space = 39 %

Volume fragmentation

Total fragmentation = 0 %

File fragmentation = 0 %

Free space fragmentation = 0 %

File fragmentation

Total files = 43,310

Average file size = 243 KB

Total fragmented files = 0

Total excess fragments = 0

Average fragments per file = 1.00

Pagefile fragmentation

Pagefile size = 768 MB

Total fragments = 1

Folder fragmentation

Total folders = 3,290

Fragmented folders = 1

Excess folder fragments = 0

Master File Table (MFT) fragmentation

Total MFT size = 119 MB

MFT record count = 46,686

Percent MFT in use = 38 %

Total MFT fragments = 3

Re: Defrag problem

Fragments File Size Files that cannot be defragmented

None

39% increased to 45% with paging on D drive, went back to 39% when returned paging to C drive. Question: Is there anything wrong with leaving paging on the D drive with my data files? 6% increased space is quite a bit. As for the other tips on ridding the C drive of unnecessary clutter (hibernate, temp files, restore, etc) I had already cleaned those things up.

Mikeyhsd, although I am somewhat computer literate, I still would not have dared to go into "strange territory" like page files etc without a more detailed explanation, but I do appreciate your try. Perhaps I am just a bit too cautious and careful.