

Re: 2 shortcut questions

Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.customize/2005-10/msg00145.html>

- *From:* "SeaMaid" <seamaid24-graphics@xxxxxxxxx>
 - *Date:* Tue, 11 Oct 2005 03:23:00 -0700
-

See comments inline.

"Wesley Vogel" <123WVogel955@xxxxxxxxxxxx> wrote in message
news:OXSmOczFHA.664@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

- > Navigate to C:\Documents and Settings\All Users\Start Menu
- > Right click the Start Menu | Properties | General tab |
- > What does Size show?
- > What does Size on disk show?

8.98 MB size
18.6 MB size on disk
3266 files, 599 folders

- > Navigate to C:\Documents and Settings\Your Name Here\Start Menu
- > Right click the Start Menu | Properties | General tab |
- > What does Size show?
- > What does Size on disk show?

875 KB size
1.80 MB size on disk
335 files, 38 folders

- > Right click Favorites folder | Properties | General tab |
- > What does Size show?
- > What does Size on disk show?

2.55 MB size
18.3 MB size on disk
4323 files
603 folders

- > If the cluster size for NTFS is 4KB, then 4KB will be the smallest space
- > that any file 1 byte to 4 KB will take up on the drive.
- >
- > Size is the actual size of the file. Size on disk shows the actual space
- > that the file takes up on the disk.
- >

Re: 2 shortcut questions

- > The only time that Size on disk will be smaller than Size is when a
- > file/folder is compressed.
- >
- > Large cluster sizes improve performance at the expense of increased slack.
- > Small cluster sizes reduce slack at the expense of decreased performance.
- > 4KB is the default cluster size for NTFS.
- >
- > [[Rarely do file sizes exactly match the size of one or multiple clusters
- > perfectly. The data storage space that exists from the end of the file to
- > the end of the last cluster assigned to the file is called "file
- > slack".]]
- > From...
- > File Slack Defined
- > <http://www.forensics-intl.com/def6.html>
- >
- > [[A cluster (or allocation unit) is the smallest amount of disk space that
- > can be allocated to hold a file.]]
- > [[The smaller the cluster size, the more efficiently a disk stores
- > information because unused space within a cluster cannot be used by other
- > files.]]
- > From...
- > Cluster Size
- > http://www.microsoft.com/resources/documentation/Windows/XP/all/reskit/en-us/prkc_fil_lxty.asp
- >
- > [[If you are not using NTFS compression for any files or folders that are
- > contained on the volume, the difference between the Size value and the
- > Size
- > on disk value is the wasted space that occurs because the cluster size is
- > larger than necessary. Choose an optimal cluster size so that the Size on
- > disk value is as close to the Size value as possible. An excessive
- > discrepancy between the Size on disk value and the Size value is an
- > indication that the default cluster size is too large for the average file
- > size that you are storing on the volume.]]
- > How to locate and correct disk space problems on NTFS volumes in Windows
- > XP
- > <http://support.microsoft.com/default.aspx?scid=kb:en-us:315688>
- >
- > QUESTION #2
- > Try
- > %HOMEDRIVE% The user's home directory's drive letter.
- > %homepath% The path to the user's home directory.
- > %SystemDrive% The drive containing the Windows XP root directory.
- >
- > Type %HOMEDRIVE% into Start | Run to see what opens.
- > Type %homepath% into Start | Run to see what opens.
- > Type %SystemDrive% into Start | Run to see what opens.
- >
- > --
- > Hope this helps. Let us know.
- >
- > Wes

Re: 2 shortcut questions

> MS-MVP Windows Shell/User
>
> In news:OoqErtWzFHA.3312@xxxxxxxxxxxxxxxxxxxxxxxx,
> SeaMaid <seamaid24-graphics@xxxxxxxx> hunted and pecked:
>> QUESTION #1
>> Assuming NTFS clusters are 4k, that means the smallest file you can save
>> will be saved as 4k (32k in FAT32), even if the file is only 0 bytes, 1
>> byte, 600 bytes, 1k, 2k, 3k, or 4k. Does the same apply to shortcuts? Do
>> shortcuts also take 4k each (32k in FAT32)? My Favorites menu and Start
>> menu for various users have MANY shortcuts. I read the articles on the
>> Microsoft site about NTFS and file storage but could not find the answer.
>>
>> QUESTION #2
>> Is there a way to make a shortcut to another place on the same drive
>> without including the drive letter (in case the drive letter changes)?
>>
>> If the path to the folder is:
>> D:\MS\XP\Updates
>>
>> I'd like the shortcut to be "smart" in case the drive is no longer D. Is
>> there a way to do this?
>>
>> %CurrentDrive%\MS\XP\Updates
>>
>> That probably is bad syntax, but I think you know what I'm trying to
>> accomplish. If the drive letter changes, that the shortcuts will still
>> point to the same drive (be is a hard drive or a CD), rather than
>> whatever drive is currently D.
>

• **References:**

- ◆ **2 shortcut questions**
 ◇ From: SeaMaid
- ◆ **Re: 2 shortcut questions**
 ◇ From: Wesley Vogel

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