

Re: Windows bug?

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.file_system/2005-09/msg00095.html

- *From:* anonymous <anonymous@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 19 Sep 2005 06:45:47 -0700
-

If I copy 5-6 hours files with normal file names is OK ..in the moment when I copy files with special characters in the file name _ - ~ the error appears. I saw on google multiple problems with the same error (index minor inconsistencies) and most of them on AMD systems (VIA 686B southbridge) like my system. SP2 has a new IDE driver for VIA chipset systems..

"seth" wrote:

```
> nothing to do with the os
> file system errors only
> article 885871 address an issue with dbcs on server 2003, not xp
> dbcs is having filenames with foreign character sets (chinese, japanese,
> korean, thai...)
>
>
> "anonymous" <anonymous@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
> news:E5398C3A-FF81-4E89-8B16-7FF079F462DC@xxxxxxxxxxxxxxxxxxx
>> The problem is :
>>
>> - on a Windows XP Professional with SP2 system appears the event id 55
>> error:
>>
>> "The file system structure on the disk is corrupt and unusable. Please run
>> the chkdsk utility on the volume \Device\HarddiskVolume..."
>>
>> This corruption appears only on files with long names or with special
>> characters _ - ~ in the name of the file.
>>
>> Chkdsk is running after the restarting of that workstation and is giving
>> me
>> the same output as in KB885871(correcting minor problems in in dex $I30...
>> Bellow i have few errors on that system
>>
>> 1) The error Event ID 55
>> Event Type: Error
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>> Event Source: Ntfs
>> Event Category: Disk
>> Event ID: 55
>> Date: 9/18/2005
>> Time: 4:39:34 PM
>> User: N/A
>> Computer: WORKSTATION
>> Description:
>> The file system structure on the disk is corrupt and unusable. Please run
>> the chkdsk utility on the volume H:.
>>
>> For more information, see Help and Support Center at
>> Data:
>> 0000: 00 00 00 00 02 00 4e 00N.
>> 0008: 02 00 00 00 37 00 04 c07..À
>> 0010: 00 00 00 00 32 00 00 c02..À
>> 0018: 18 00 00 00 00 00 00 00
>> 0020: 00 00 00 00 00 00 00 00
>>
>> 2) The output from chkdsk
>>
>> Event Type: Information
>> Event Source: Winlogon
>> Event Category: None
>> Event ID: 1001
>> Date: 9/18/2005
>> Time: 8:06:50 PM
>> User: N/A
>> Computer: WORKSTATION
>> Description:
>> Checking file system on H:
>> The type of the file system is NTFS.
>> Volume label is New Volume.
>>
>>
>> One of your disks needs to be checked for consistency. You
>> may cancel the disk check, but it is strongly recommended
>> that you continue.
>> Windows will now check the disk.
>> Index entry ASSOCVECTOR.H of index \$I30 in file 0xfce6 points to unused
>> file
>> 0xfce8.
>> Deleting index entry ASSOCVECTOR.H in index \$I30 of file 64742.
>> Index entry ASSOCV~1.H of index \$I30 in file 0xfce6 points to unused file
>> 0xfce8.
>> Deleting index entry ASSOCV~1.H in index \$I30 of file 64742.
>> Cleaning up 1 unused index entries from index \$\$II of file 0x9.
>> Cleaning up 1 unused index entries from index \$\$SDH of file 0x9.
>> Cleaning up 1 unused security descriptors.
>> CHKDSK discovered free space marked as allocated in the
>> master file table (MFT) bitmap.

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>> CHKDSK discovered free space marked as allocated in the volume bitmap.
>> Windows has made corrections to the file system.
>>
>> 39070048 KB total disk space.
>> 2618672 KB in 28800 files.
>> 7572 KB in 1470 indexes.
>> 0 KB in bad sectors.
>> 162164 KB in use by the system.
>> 65536 KB occupied by the log file.
>> 36281640 KB available on disk.
>>
>> 4096 bytes in each allocation unit.
>> 9767512 total allocation units on disk.
>> 9070410 allocation units available on disk.
>>
>> Internal Info:
>> 20 73 01 00 49 76 00 00 c9 8a 00 00 00 00 00 00 s..Iv.....
>> 0a 00 00 00 00 00 00 00 0b 00 00 00 00 00 00 00
>> f0 12 09 02 00 00 00 00 30 54 3f 12 00 00 00 000T?.....
>> b0 d6 c5 01 00 00 00 00 00 00 00 00 00 00 00
>> 00 00 00 00 00 00 00 00 10 ec 00 1d 00 00 00 00
>> 99 9e 36 00 00 00 00 00 f0 37 07 00 80 70 00 00 ..6.....7...p..
>> 00 00 00 00 00 c0 d4 9f 00 00 00 00 be 05 00 00
>>
>>
>> 3)Another output form chkdsk:(this output proves that is the same error as
>> in KB 885871 files with DBCS in the file name (Unicode.....)....contains
>> unicode NULL....
>>
>>
>> Event Type: Information
>> Event Source: Winlogon
>> Event Category: None
>> Event ID: 1001
>> Date: 9/18/2005
>> Time: 9:21:28 PM
>> User: N/A
>> Computer: WORKSTATION
>> Description:
>> Checking file system on F:
>> The type of the file system is NTFS.
>> Volume label is New Volume.
>>
>>
>> One of your disks needs to be checked for consistency. You
>> may cancel the disk check, but it is strongly recommended
>> that you continue.
>> Windows will now check the disk.
>> The attribute name for attribute of type 0xa0 and instance tag 0x3
>> contains unicode NULL.
>> a0 00 00 00 50 00 00 00 01 04 40 00 00 00 03 00P.....@.....

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>> 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
>> 48 00 00 00 00 00 00 00 00 10 00 00 00 00 00 00 H.....
>> 18 00 00 00 03 00 00 00 00 00 00 00 00 00 00 00
>> a0 00 00 00 50 00 00 00 31 01 3a 16 2d 00 c3 e2P...1.:~...
>> b0 00 00 00 28 00 00 00 00 04 18 00 00 00 04 00(.....
>> Deleting corrupt attribute record (160,)
>> from file record segment 129156.
>> The index bitmap for index \$I30 in file 0x1f884 is invalid or missing.
>> Correcting error in index \$I30 for file 129156.
>> The index bitmap \$I30 is present but there is no corresponding
>> index allocation attribute in file 0x1f884.
>> Correcting error in index \$I30 for file 129156.
>> The down pointer of current index entry with length 0x18 is invalid.
>> 00 00 00 00 00 00 00 00 18 00 00 00 03 00 00 00
>> ff ff ff ff ff ff ff 40 f2 53 bf 7b bc c5 01@.S.{...
>> e0 af b2 bf 7b bc c5 01 e0 af b2 bf 7b bc c5 01{.....{...
>> Sorting index \$I30 in file 129156.
>> Cleaning up minor inconsistencies on the drive.
>> CHKDSK is recovering lost files.
>> Recovering orphaned file buttons.html (129157) into directory file 129156.
>> Recovering orphaned file BUTTON~1.HTM (129157) into directory file 129156.
>> Recovering orphaned file content.html (129158) into directory file 129156.
>> Recovering orphaned file CONTEN~1.HTM (129158) into directory file 129156.
>> Recovering orphaned file GENERI~1.SWF (129159) into directory file 129156.
>> Recovering orphaned file generic_summary.swf (129159) into directory file
>> 129156.
>> Recovering orphaned file index.html (129160) into directory file 129156.
>> Recovering orphaned file INDEX~1.HTM (129160) into directory file 129156.
>> Recovering orphaned file media.html (129161) into directory file 129156.
>> Recovering orphaned file MEDIA~1.HTM (129161) into directory file 129156.
>> Cleaning up 3 unused index entries from index \$\$II of file 0x9.
>> Cleaning up 3 unused index entries from index \$\$SDH of file 0x9.
>> Cleaning up 3 unused security descriptors.
>> Correcting errors in the Volume Bitmap.
>> Windows has made corrections to the file system.
>>
>> 101482573 KB total disk space.
>> 92047044 KB in 135005 files.
>> 50044 KB in 12924 indexes.
>> 0 KB in bad sectors.
>> 217021 KB in use by the system.
>> 65536 KB occupied by the log file.
>> 9168464 KB available on disk.
>>
>> 4096 bytes in each allocation unit.
>> 25370643 total allocation units on disk.
>> 2292116 allocation units available on disk.
>>
>> Internal Info:
>> f0 41 02 00 e4 41 02 00 2a 52 03 00 00 00 00 00 .A...A..*R.....
>> b0 04 00 00 00 00 00 00 0f 00 00 00 00 00 00 00

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>> 00 0e 8a 05 00 00 00 00 20 41 25 27 01 00 00 00 A%'....
>> d0 f2 db 02 00 00 00 00 00 00 00 00 00 00 00
>> 00 00 00 00 00 00 00 00 50 3c 1b 39 01 00 00 00P<.9....
>> 99 9e 36 00 00 00 00 00 39 07 00 5d 0f 02 00 ..6.....9..]...
>> 00 00 00 00 00 10 1b f2 15 00 00 00 7c 32 00 00|2..
>> For more information, see Help and Support Center at
>>
>> This article applies only on Windows 2003 and the error was corrected with
>> SP1 Windows 2003.
>> The same problem is on this Windows XP workstation.The SP2 of Windows XP
>> has
>> appeared long before SP1 of Windows 2003 and there must be a patch to
>> resolve
>> this problem on XP operating system.
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>>
>> Thank you in advance,
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• **References:**

- ◆ **Windows bug?**
 ◇ From: anonymous
- ◆ **Re: Windows bug?**
 ◇ From: seth

- Prev by Date: **Re: Windows bug?**
- Next by Date: **Re: Changing Drivenames via Regedit**
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- Index(es):
 - ◆ **Date**
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