

testdisk_2

Sat Jul 30 16:46:25 2011
Command line: TestDisk

TestDisk 6.12-WIP, Data Recovery Utility, March 2011
Christophe GRENIER <grenier@cgsecurity.org>
<http://www.cgsecurity.org>
OS: Windows 7 (7601) SP1
Compiler: GCC 4.5, MinGW 3.11
Compilation date: May 7 2011 12:20:37
ext2fs lib: none, ntfs lib: none, reiserfs lib: none, ewf lib: none
disk_get_size_win32 IOCTL_DISK_GET_LENGTH_INFO(\\.\PhysicalDrive0)=64023257088
disk_get_size_win32 IOCTL_DISK_GET_LENGTH_INFO(\\.\PhysicalDrive1)=3999999983616
disk_get_size_win32 IOCTL_DISK_GET_LENGTH_INFO(\\.\C:)=63915950080
disk_get_size_win32 IOCTL_DISK_GET_LENGTH_INFO(\\.\D:)=3999994478592
disk_get_size_win32 IOCTL_DISK_GET_LENGTH_INFO(\\.\E:)=3196780544
Hard disk list
Disk \\.\PhysicalDrive0 - 64 GB / 59 GiB - CHS 8270 240 63, sector size=512
Disk \\.\PhysicalDrive1 - 3999 GB / 3725 GiB - CHS 243152 255 63, sector
size=1024
Drive C: - 63 GB / 59 GiB - CHS 8256 240 63, sector size=512
Drive D: - 3999 GB / 3725 GiB - CHS 243152 255 63, sector size=1024
Drive E: - 3196 MB / 3048 MiB - CHS 762 64 32, sector size=2048

Partition table type (auto): None
Drive D: - 3999 GB / 3725 GiB
Partition table type: Intel

Analyse Drive D: - 3999 GB / 3725 GiB - CHS 243152 255 63
Geometry from i386 MBR: head=106 sector=52
BAD_RS LBA=1380404564 216152
check_part_i386 1 type 0A: no test
BAD_RS LBA=1309281536 5870947
check_part_i386 2 type 69: no test
BAD_RS LBA=1735554131 4633953
check_part_i386 3 type 6D: no test
BAD_RS LBA=2978742282 5980572
check_part_i386 4 type 66: no test
Current partition structure:
1 * OS/2 Boot Manager 85926 53 36 200213 18 49 1836018464

Warning: Bad starting sector (CHS and LBA don't match)
2 * Novell 81499 1 39 203112 174 43 1953723749

Bad relative sector.
3 * Sys=6D 108033 63 18 229617 137 22 1953251627

Bad relative sector.
4 * Sys=66 185418 33 34 185421 145 15 55233

Bad relative sector.
Only one partition must be bootable
Space conflict between the following two partitions
2 * Novell 81499 1 39 203112 174 43 1953723749
1 * OS/2 Boot Manager 85926 53 36 200213 18 49 1836018464
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Space conflict between the following two partitions
3 * Sys=6D 108033 63 18 229617 137 22 1953251627
4 * Sys=66 185418 33 34 185421 145 15 55233

Ask the user for vista mode
Computes LBA from CHS for Drive D: - 4000 GB / 3725 GiB - CHS 243153 255 63
Allow partial last cylinder : Yes
search_vista_part: 1

search_part()

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Drive D: - 4000 GB / 3725 GiB - CHS 243153 255 63
NTFS at 8/24/17
filesystem size                3906117632
sectors_per_cluster            4
mft_lcn                        786432
mftmirr_lcn                    2
clusters_per_mft_record       -10
clusters_per_index_record      1
    HPFS - NTFS                8 24 17 243152 171 27 3906117632 [Data]
    NTFS, 3999 GB / 3725 GiB
file_win32_pread(100, 4, buffer, 3906247680(243152/171/28)) read err: read after
end of file
file_win32_pread(100, 1, buffer, 3906247680(243152/171/28)) read err: read after
end of file
file_win32_pread(100, 3, buffer, 3906247681(243152/171/29)) read err: read after
end of file
file_win32_pread(100, 4, buffer, 3906247684(243152/171/32)) read err: read after
end of file
file_win32_pread(100, 2, buffer, 3906247688(243152/171/36)) read err: read after
end of file
file_win32_pread(100, 2, buffer, 3906247711(243152/171/59)) read err: read after
end of file
file_win32_pread(100, 5, buffer, 3906247719(243152/172/4)) read err: read after end
of file
file_win32_pread(100, 6, buffer, 3906247743(243152/172/28)) read err: read after
end of file

```

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Results
* HPFS - NTFS                8 24 17 243152 171 27 3906117632 [Data]
  NTFS, 3999 GB / 3725 GiB

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dir_partition inode=0
* HPFS - NTFS                8 24 17 243152 171 27 3906117632 [Data]
  NTFS, 3999 GB / 3725 GiB
Directory /

```

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interface_write()
1 * HPFS - NTFS                8 24 17 243152 171 27 3906117632 [Data]
simulate write!

```

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write_mbr_i386: starting...
write_all_log_i386: starting...
No extended partition

```

```

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```

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Ask the user for vista mode

Allow partial last cylinder : Yes

search_vista_part: 1

search_part()

Drive D: - 4000 GB / 3725 GiB - CHS 243153 255 63

NTFS at 8/24/17

filesystem size 3906117632

sectors_per_cluster 4

mft_lcn 786432

mftmirr_lcn 2

clusters_per_mft_record -10

clusters_per_index_record 1

HPFS - NTFS 8 24 17 243152 171 27 3906117632 [Data]

NTFS, 3999 GB / 3725 GiB

file_win32_pread(100, 4, buffer, 3906247680(243152/171/28)) read err: read after end of file

file_win32_pread(100, 1, buffer, 3906247680(243152/171/28)) read err: read after end of file

file_win32_pread(100, 3, buffer, 3906247681(243152/171/29)) read err: read after end of file

file_win32_pread(100, 4, buffer, 3906247684(243152/171/32)) read err: read after end of file

file_win32_pread(100, 2, buffer, 3906247688(243152/171/36)) read err: read after end of file

file_win32_pread(100, 2, buffer, 3906247711(243152/171/59)) read err: read after end of file

file_win32_pread(100, 5, buffer, 3906247719(243152/172/4)) read err: read after end of file

file_win32_pread(100, 6, buffer, 3906247743(243152/172/28)) read err: read after end of file

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NTFS, 3999 GB / 3725 GiB

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Directory /

interface_write()

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simulate write!

write_mbr_i386: starting...

write_all_log_i386: starting...

No extended partition

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Allow partial last cylinder : Yes

search_vista_part: 1

search_part()

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filesystem size 3906117632

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file_win32_pread(100, 2, buffer, 3906247711(243152/171/59)) read err: read after end of file

file_win32_pread(100, 5, buffer, 3906247719(243152/172/4)) read err: read after end of file

file_win32_pread(100, 6, buffer, 3906247743(243152/172/28)) read err: read after end of file

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NTFS, 3999 GB / 3725 GiB

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end of file
file_win32_pread(100, 5, buffer, 3906247719(243152/172/4)) read err: read after end

```

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of file
file_win32_pread(100, 6, buffer, 3906247743(243152/172/28)) read err: read after
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NTFS, 3999 GB / 3725 GiB

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Directory /

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1 * HPFS - NTFS 8 24 17 243152 171 27 3906117632 [Data]
simulate write!

write_mbr_i386: starting...

write_all_log_i386: starting...

No extended partition

TestDisk exited normally.