

testdisk_3

Sat Jul 30 16:47:45 2011
Command line: TestDisk

TestDisk 6.12-WIP, Data Recovery Utility, March 2011
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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
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
Space conflict between the following two partitions
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

testdisk_3

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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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Results
* HPFS - NTFS          8 24 17 243152 171 27 3906117632 [Data]
  NTFS, 3999 GB / 3725 GiB
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interface_write()
1 * HPFS - NTFS          8 24 17 243152 171 27 3906117632 [Data]
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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
BAD_RS LBA=368885 2075159
check_FAT: can't read FAT boot sector
check_part_i386 failed for partition type 06
    FAT16 >32M          267372 79 25 272261 110 55 78543769
This partition ends after the disk limits. (start=368885, size=78543769,
end=78912653, disk end=3906252945)
BAD_RS LBA=3915702644 4145510
check_FAT: can't read FAT boot sector
check_part_i386 failed for partition type 0E
    FAT16 LBA          243741 55 15 510190 4 12 4280499970
This partition ends after the disk limits. (start=3915702644, size=4280499970,
end=3901235317, disk end=3906252945)
BAD_RS LBA=3849083661 1425700
check_part_i386 failed for partition type 04
    FAT16 <32M          239594 96 4 373792 162 61 2155895086
This partition ends after the disk limits. (start=3849083661, size=2155895086,
end=1710011450, disk end=3906252945)
NTFS at 243152/122/42
Warning: Incorrect number of bytes per sector 512 (NTFS) != 1024 (HD)
filesystem size          3906244608
sectors_per_cluster      8
mft_lcn                  786432
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testdisk_3

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mftmirr_lcn          2
clusters_per_mft_record -10
clusters_per_index_record 1
  HPFS - NTFS          121576  61 22 243152 122 43 1953122304
  NTFS found using backup sector!, 1999 GB / 1862 Gi B
file_win32_pread(100,1,buffer,3906244608(243152/122/43)) read err: read after
end of file
file_win32_pread(100,4,buffer,3906244608(243152/122/43)) read err: read after
end of file
file_win32_pread(100,4,buffer,3906244612(243152/122/47)) read err: read after
end of file
file_win32_pread(100,2,buffer,3906244616(243152/122/51)) read err: read after
end of file
file_win32_pread(100,2,buffer,3906244639(243152/123/11)) read err: read after
end of file
file_win32_pread(100,5,buffer,3906244647(243152/123/19)) read err: read after
end of file
file_win32_pread(100,6,buffer,3906244671(243152/123/43)) read err: read after
end of file
Drive D: - 4000 GB / 3725 Gi B - CHS 243153 255 63
Check the harddisk size: HD jumpers settings, BIOS detection...
The harddisk (4000 GB / 3725 Gi B) seems too small! (< 8392 GB / 7816 Gi B)
The following partitions can't be recovered:
  FAT16 <32M          239594  96  4 373792 162 61 2155895086
  FAT16 LBA           243741  55 15 510190  4 12 4280499970
  FAT16 >32M          267372  79 25 272261 110 55  78543769

```

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Results
  HPFS - NTFS          8  24 17 243152 171 27 3906117632 [Data]
  NTFS, 3999 GB / 3725 Gi B
  HPFS - NTFS          121576  61 22 243152 122 43 1953122304
  NTFS found using backup sector!, 1999 GB / 1862 Gi B

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

```

```

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  NTFS found using backup sector!, 1999 GB / 1862 Gi B
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dir_partition inode=0
  HPFS - NTFS          121576  61 22 243152 122 43 1953122304
  NTFS found using backup sector!, 1999 GB / 1862 Gi B
Directory /

```

interface_write()

No partition found or selected for recovery
simulate write!

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

TestDisk exited normally.