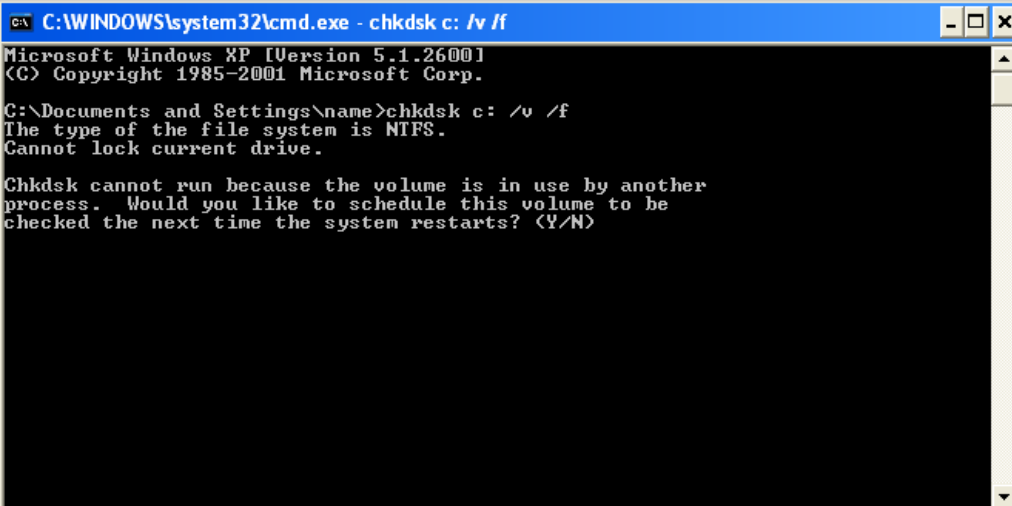


Workaround "Running chkdsk in Read-Only mode" on Windows XP

Author : admin



```
C:\WINDOWS\system32\cmd.exe - chkdsk c: /v /f
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings\name>chkdsk c: /v /f
The type of the file system is NTFS.
Cannot lock current drive.

Chkdsk cannot run because the volume is in use by another
process. Would you like to schedule this volume to be
checked the next time the system restarts? (Y/N)
```

I had to fix old *Notebook Dell Insspiiron 1501* (890 mb ram and 1.60 Ghz CPU) notebook with *Windows XP SP2*. The notebook looks okay but as it is an old piece of hardware I decided to check hard drives for bad sectors with Windows (Check Disk) - **chkdsk**.

Running chkdsk via -> cmd.exe does not work because file system is in use and once you run chkdsk it does spit warning and error:

"Running CHKDSK in Read-Only mode".

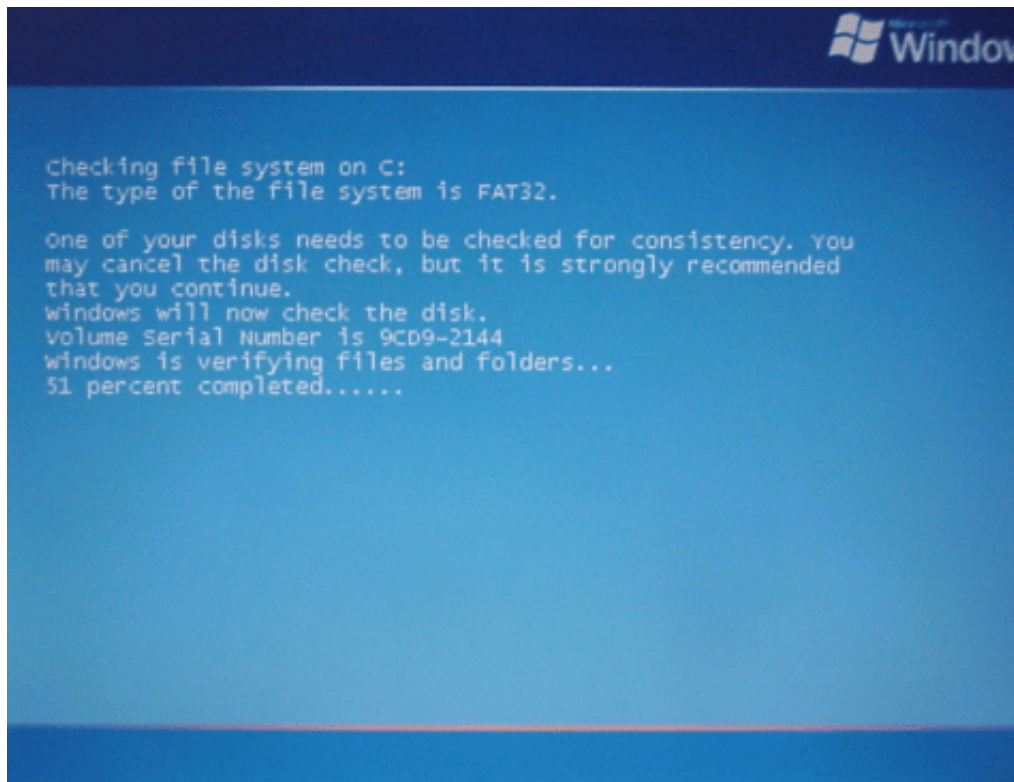
Errors found. CHKDSK cannot continue in read-only mode

Because it checks hdd in read-only its check is not completely reliable and in case some bad block is matched it is not possible for chkdsk to write on HDD and try fix or move it to some free space blocks.

To work around this its necessary to run chkdsk with options:

chkdsk C: /v /f

This command brings out prompt like in below screenshot offering to run CHKDSK on C drive on *next system boot before starting Windows services which does lock files on file system - making it unavailable for CHKDSK to read blocks on it.*



The notebook had 3 Drives **C:**, **D:** and **E:** so I run above command also on **D:** and **E:** to make sure there are no physical damages on D and E partitions, i.e.:

chkdsk D: /v /f

....

chkdsk E: /v /f

...

.....