

Re: hal.dll and repair problems

Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.general/2005-09/msg00969.html>

- *From:* "Pegasus \ (MVP)" <I.can@xxxxxxx>
 - *Date:* Fri, 2 Sep 2005 17:37:55 +1000
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"Constantinos" <Constantinos@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:C462CD26-95F8-42D1-94B8-B30134B261FB@xxxxxxxxxxxxxxxxxxxx

- > Please bear with me as English is not my mother language and my technical
- > knowledge and terms are limited.
- >
- > My 17 y.o. son owns an HP Compaq nx7010 laptop, Intel Pentium M 1.7GHZ,
- > 512MB RAM, 40GB HDD with WinXP Pro SP2 with all the security and antivirus
- > updates. A couple of days ago he uninstalled NOD antivirus and installed
- Bit
- > Defender antivirus. When he tried to restart he got the system32\hal.dll
- > missing or corrupt message as described in so many other posts in this
- forum.
- >
- > I read through all the relevant threads in this forum and the proposed
- > fixes. Most seem to assume that the Recovery Console recognises the
- installed
- > Windows and propose to choose "1: C:\windows" when prompted. In my case it
- is
- > not so. After booting from the CD and selecting "Repair" the Recovery
- Console
- > does not ask me to choose which installation to repair. I only get the c:>
- > prompt. The "dir" command is recognised, tries to run, but then gives a
- > message that it cannot run (I don't remember the exact wording). The
- commands
- > "windows", "win" and "winnt" do not work at all. So I think I cannot try
- most
- > of the solutions, like the one by Charlie White, mentioned here.
- >
- > Thought my best bet was to do what the damn machine was asking for, i.e.
- to
- > re-install a copy of the hal.dll file. I tried the "rename
- > c:\windows\system32\hal.dll halORG.dll" command (in order to follow that
- with
- > a "copy hal.dll c:\windows\system32" from the CD) and it tried to run but
- > then gave a message like it could not be executed.
- >
- > I then tried the John Barnett solution, obviously without the step of

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- > selecting the relevant installation so it was no surprise that the
- > "bootcfg/list" was not recognised.
- >
- > Finally I tried the "chkdsk c: /r" command suggested by Ron Martell. The
- > process was very slow. After 90 minutes it showed 3% progress so I left it
- to
- > run overnight. This morning I found it saying 50% complete and then a
- message
- > like there are one or more volumes that are un-repairable.
- >
- > Someone on this forum said that re-installation is not the answer. So my
- > question is: What should I do next short or reformatting and/or
- re-installing
- > windows?
- >
- > Thank you in advance for any help.
- >
- > Costas
- > (not an expert, not even in asking questions)

Many posters whose mothertongue is English should be proud if they worded their posts as carefully as you worded yours. The same applies to the technical content of your post.

About your question: I believe you need to determine if your file system is intact. Here is an easy and safe way of doing it:

1. Boot your machine with a Win98 boot disk (www.bootdisk.com).

2. Run these commands:

```
ntfsdos.exe /L GHIK
```

```
c:
```

```
dir /s /p
```

You need to download ntfsdos.exe from www.sysinternals.com, then copy it to your Win98 boot disk.

Can you see your files and folders? Do they look reasonable? You won't see long file names. Instead of "C:\Program Files", you will see "C:\Progra~1". This is OK.

The next steps will depend on the outcome of this test. Do you have another Win2000/XP PC that you could use to assist in the repair process?

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- *Follow-Ups:*
 - ◆ *Re: hal.dll and repair problems*

Re: hal.dll and repair problems

◇ *From:* Constantinos

◆ ***Re: hal.dll and repair problems***

◇ *From:* Ron Rector

• **References:**

◆ ***hal.dll and repair problems***

◇ *From:* Constantinos

- Prev by Date: *rippling desktop*
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