

System Repair in Windows 7

Windows repair from Tweaking.com (also [here](#)) – especially the Pro-Version, is a remarkable repair program. It takes quite a while to run since it goes through several steps and then at the end performs an extensive repair job. (Beyond that, the webpage Bleeping Computer has many other useful applications *Tweaking.com* also has several other [useful applications](#), of which [Registry Backup](#) may be especially mentioned.)

I first used it in my laptop when something no more worked properly (I have forgotten what it was). After that, all was OK again. Later, the battery no more became charged so I consulted *lenovo* websites and got advice from a small but very good repair shop. Nothing helped. Assuming a software problem, I experimented around quite a lot until Windows 7 did not work properly anymore. That was also remedied by *Windows repair*.

In that repair shop it was then discovered that it was a hardware problem. Some *lenovo* laptops have a small separate circuit board for charging the battery and the function is not on the main board. This separate board was cleaned from dust with alcohol – end then it worked again!

One day, Windows **hanged at startup** when the welcome screen appeared and became locked. There, too, *Windows repair* helped after running Windows in safe mode (in which it did start).

This later happened once more and I found a program [WMI Rebuilder](#) in the Internet that – also in the safe mode – ran through a lengthy procedure. Then the problem was solved. The program folder contains a hotfix KB2578159 that is supposed put a definite end to this hanging problem. However, it only installs in Windows 7 “SP0” but not in SP1. I found no alternative but at least an explanation: “When you log on to a computer that is running Windows Server 2008 R2 or Windows 7, the logon process stops responding and a blue swirl is shown on the Welcome screen indefinitely. After some time, the computer stops responding to any network-related commands. You must forcibly restart the computer to recover from this issue. ... This issue occurs because of a race condition between the Windows Event Log service and the Event Tracing for Windows (ETW) tracing functions. When the race condition occurs, it causes a deadlock situation. This deadlock situation then causes the Winlogon.exe process to become unresponsive.” So I will have to run *WMI Rebuilder* once more if it happens again...

Windows 7 regrettably lacks the **Quick Launch** taskbar that is so useful in Windows XP. But it [can be arranged](#) there, too. Yet it may happen that it one day is gone, which is annoying since you then have to go through that procedure once more. There is a hotfix KB979155 that is supposed to solve this problem once and forever, but also this one does not install in SP1! The description of it reads: “You configure a computer that is running Windows 7 or Windows Server 2008 R2 to automatically log on when you start the computer. When you restart the computer, any customizations that you made to the Taskbar are lost and the Taskbar is reset to its default settings. ... This problem occurs because of a race condition between Windows Explorer and Taskhost.exe.” So I used [Startup Delayer](#) to delay the start of taskhost.exe by 40 seconds. So far, it has not happened again.

The above-mentioned problem of hanging at startup is one that could possibly also be remedied in a similar manner, but not with the *Startup Delayer*, since it at that moment is not yet running... Maybe one could deactivate *Event tracing*? Or it might help to turn off or delay [Windows Event Log service](#)? The latter should also be possible in safe mode, in case the problem occurs again – I will try, if it does.

[System Restore](#) is an often helpful alternative since it takes the system back to an earlier state. But [it must be activated](#). A restore point can also be [automatically established](#). For that, the Windows component *Windows Task Scheduler* is used, but it could happen that it is corrupted. In such a case, an application [Repair Tasks](#) restores it (description [here](#)).

After a system repair with one of these means, documents and other important files remain intact in my experience (so far). To be safe, you should nevertheless make a backup. It could then be that your latest files have not been included in it. If you have a second system in an own partition on your hard disk (with multistart) you can reach the Windows 7 partition and its files from there. I

also have Windows XP and Linux Mint in my desktop. I reach these files directly from Windows XP and from Linux Mint with the file manager *Krusader*.

Installation of an older printer. I have Canon Pixma ip 4000 and it installs in Windows 7 “SP0” but not in SP1, not even from the CD. Yet it did work with a “workaround”. That printer still has a Printer Port in addition to USB. I happened to have an adapter cable USB to Printer Port. Having attached the USB plug to the computer and the Printer-Port plug to the printer, I could install it from the CD.

Black icons. In my laptop, the icons once were black. There are several suggestions in the Internet about how to fix that. I did not go through them all since I soon found a “workaround” that helped. The solution is a small batch file [rebuild icon cache](#) (click here to download) that I let run in autostart. It runs for just a moment at startup and then all icons are OK. There may also be another solution that I would first have to find, going through all suggestions...