

Re: delreg section in INF not truly deleting registry entry

Source:

<http://www.tech-archive.net/Archive/Development/microsoft.public.development.device.drivers/2007-10/msg00355.l>

- *From:* "Bill McKenzie" <bkmckenzie@xxxxxxxxxxxxxx>
 - *Date:* Sun, 14 Oct 2007 21:02:35 -0500
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It seems the service had some type of hold on the key. I originally assumed this could not be the case as the delreg directive is called out in and uninstall section which also uninstalls the service. Then when I saw the key removed from regedit it seemed to confirm that the service was not holding the key. This was wrong. If I set the flag to stop the service in the delservice section I can remove the key. I can't do this in practice with this particular service though. Anyway, now that I know what is going on I have a way around it. This is still weird though...don't know why opening and viewing the key with regedit changed the behavior....that doesn't really make sense to me still.

Bill M.

"Norman Diamond" <ndiamond@xxxxxxxxxxxxxx> wrote in message news:uW0TONGDIHA.5044@xxxxxxxxxxxxxx

Intuitively I would have felt the same way, i.e. if some process has a registry key open then the key might not be deleteable, even though there's no intentional locking built into the registry.

However, if you reread the original posting, you'll see that the actual problem is exactly the opposite. Any ideas of how that came about?

"Maxim S. Shatskih" <maxim@xxxxxxxxxxxxxx> wrote in message news:e6RGtWFDIHA.1208@xxxxxxxxxxxxxx

Maybe regedit blocks the attempts of other processes to delete its current-under-cursor key?

—
Maxim Shatskih, Windows DDK MVP
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"Bill McKenzie" <bkmckenzie@xxxxxxxxxxxxxx> wrote in message

Re: delreg section in INF not truly deleting registry entry

news:ehfO5%23EDIHA.5044@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

I have a heisenbug I could use help on.

I have service that creates several registry keys. The service has an associated INF file which has a DefaultUninstall section which is called by our product's installer when removing the service. The DefaultUninstall section calls out a delreg section which deletes about 20 keys from the registry. All but one of these keys gets deleted correctly.

Now for the heisenberg portion of the bug. The installer prompts the user for a reboot at then end of the removal process. If I pull up regedit before saying yes to the reboot, the key in question is indeed not in the registry any longer and is not when the system comes back from reboot.

If I do not pull up regedit and just reboot, the key is still present when the system comes back from reboot. Obviously, regedit is causing the change to be permanent in some way.

Is there some lazy write problem here? Is there a way from the INF I can flush or commit the reg changes?

Thanks.

Bill M.

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