

# Re: Registering ActiveX control on Vista

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*Source:*

<http://www.tech-archive.net/Archive/Development/microsoft.public.win32.programmer.ole/2006-11/msg00106.html>

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- *From:* "Paul Baker [MVP, Windows – Networking]" <[paulrichardbaker@xxxxxxxxxxxxxxxxxxx](mailto:paulrichardbaker@xxxxxxxxxxxxxxxxxxx)>
  - *Date:* Wed, 22 Nov 2006 11:39:53 –0500
- 

I'm sorry, I don't know. You could look at the permissions of HKCR in Regedit.

Maybe you will get more help posting to a Vista newsgroup or blog.

Paul

"Markus Raabe" <[markus.raabe@xxxxxxxxxxxxxxxxxxx](mailto:markus.raabe@xxxxxxxxxxxxxxxxxxx)> wrote in message [news:4D7D2392-CDD6-4886-9CA2-1B59F086A8A6@xxxxxxxxxxxxxxxxxxx](mailto:news:4D7D2392-CDD6-4886-9CA2-1B59F086A8A6@xxxxxxxxxxxxxxxxxxx)

Paul,  
I tried the registration as standard user and as administrator. Both did not work.  
If I try it as Administrator and start the program with elevated permissions the registration is done, but the control is not loaded because the HKCU is not used.  
If I start the program again with the same user but not as administrator the control is loaded.

So still the question is open why the registration as standard user is not working. Is this disabled in Vista?

Markus

"Paul Baker [MVP, Windows – Networking]" wrote:

Markus,

I haven't used this, so I am not sure. However, I am guessing that the Registry Virtualization feature of User Account Control (UAC) may be messing with you.

Are you logging in as a standard user?

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You could also try logging in as an administrator \*and\* using the "Run As Administrator" menu item. This is just to help identify what is going on, I realise that's not how you need it to work in the long run.

Paul

"Markus Raabe" <markus.raabe@xxxxxxxxxxxxxxxx> wrote in message [news:E88AD69C-B33D-47C3-A9B7-0977FC22629A@xxxxxxxxxxxxxxxx](mailto:news:E88AD69C-B33D-47C3-A9B7-0977FC22629A@xxxxxxxxxxxxxxxx)

Unfortunately I don't have the source of the control I want to use.  
Only the binaries.  
Is overriding not possible any more in Windows Vista?

Markus

"Alexander Nickolov" wrote:

Change your registration code to not store data in HKCR, but to store it in HKCU\Software\Classes instead. No need to override registry keys then.

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=====  
Alexander Nickolov  
Microsoft MVP [VC], MCSD  
email: agnickolov@xxxxxxxx  
MVP VC FAQ: <http://www.mvps.org/vcfaq>  
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"Markus Raabe" <markus.raabe@xxxxxxxxxxxxxxxx> wrote in message [news:09A40734-8900-472C-BE06-7E694BBD8286@xxxxxxxxxxxxxxxx](mailto:news:09A40734-8900-472C-BE06-7E694BBD8286@xxxxxxxxxxxxxxxx)

On WinXP it is possible to register an ActiveX control on a per user basis with

```
FARPROC lpDllEntryPoint  
= GetProcAddress(hLib,  
"DllRegisterServer");  
if (lpDllEntryPoint !=
```

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```
NULL) {  
    HKEY hKeyCurrentUser;  
    RegOpenKeyEx(HKEY_CURRENT_USER,  
    L"Software\\Classes", 0,  
    KEY_ALL_ACCESS,  
    &hKeyCurrentUser);  
    RegOverridePredefKey(HKEY_CLASSES_ROOT,  
    hKeyCurrentUser);  
    RegCloseKey(hKeyCurrentUser);  
    (*lpDllEntryPoint)();  
    RegOverridePredefKey(HKEY_CLASSES_ROOT,  
    HKEY_CLASSES_ROOT);  
} else {
```

Registry keys are generated  
under HKCU so no  
administrator  
permissions  
are  
required. Under Vista  
(beta2) this does not work.  
No keys are  
generated.  
Does anyone know why and  
what to change?  
Thanks  
Markus