

Re: DllRegisterServer and NT security

Source: <http://www.tech-archive.net/Archive/VB/microsoft.public.vb.winapi/2005-09/msg00219.html>

- *From:* "Mark Yudkin" <myudkinATcompuserveDOTcom@xxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 16 Sep 2005 07:48:17 +0200
-

No, there is no way a user can defeat the system security. But I really suspect that your question isn't "how do I defeat security", but "how do I install and upgrade my application without requiring an administrator to be present?". And that's a totally different question.

A user can be empowered to be allowed to install or upgrade a program – and that installation will run with elevated privileges (via a service). The technology involved is called Microsoft Installer (MSI), the empowering is called advertising. Installer creation tools such as InstallShield (that's the one you mentioned) or Wise make the creation of the whole functionality easy. InstallShield also supports an "updater service" to address the auto-update requirement (I don't know Wise).

"Andy DF" <nospam@xxxxxxxxxxx> wrote in message
[news:432926cf\\$0\\$8478\\$5fc30a8@xxxxxxxxxxxxxxxxxxxxx](mailto:news:432926cf$0$8478$5fc30a8@xxxxxxxxxxxxxxxxxxxxx)

> I have an autoupdate app that I use to deploy updates of my apps to end
> users.

> The application is DllRegisterServer capable in case I need to
> deploy/update an ActiveX dll/ocx.

>

> Code found here has been used for dynamic registering/unregistering of COM
> objects:

> <http://www.planet-source-code.com/vb/scripts/ShowCode.asp?txtCodeId=46775&lngWId=1>

>

> Just recently I've run into the security issue with Win NT and above.

> If the user updating the application doesn't have administrative rights,

> DllRegisterServer will fail, and the whole updating process will end up in
> a mess.

>

> Is there a way, thru VB code, to momentarily gain administrative rights to
> perform registration of COM objects?

>

> TIA,

> Andy

>

.

- **References:**

- ◆ **DllRegisterServer and NT security**

- ◇ From: Andy DF

- Prev by Date: **Re: DllRegisterServer and NT security**
- Next by Date: **Re: Automating Fax In Windows**
- Previous by thread: **DllRegisterServer and NT security**
- Next by thread: **DllRegisterServer and NT security**
- Index(es):
 - ◆ **Date**
 - ◆ **Thread**