

Re: VS Setup Projects and Vista "Run as Administrator"

Source:

<http://www.tech-archive.net/Archive/VisualStudio/microsoft.public.vstudio.general/2007-11/msg00020.html>

- *From:* David Hearn <david.hearn@xxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 02 Nov 2007 09:23:32 +0000
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Additionally, MS say <<http://support.microsoft.com/kb/922708>>:

"For some program icons, the Run as administrator option is not available on the shortcut menu. For these program icons, follow these steps:

1. Right-click the icon that you use to run the program, and then click Properties. On the Shortcut tab, the Target box contains the location and the name of the program file.
2. Open the folder that contains the program file.
3. Right-click the program file, and then click Run as administrator. User Account Control permission If you are prompted for an administrator password or for a confirmation, type the password, or click Continue."

and

"The Compatibility tab is not available for some program icons. For these program icons, follow these steps:

1. Right-click the icon that you use to run the program, and then click Properties. On the Shortcut tab, the Target box contains the location and the name of the program file.
2. Open the folder that contains the program file.
3. Right-click the program file, and then click Properties.
4. On the Compatibility tab, click to select the Run this program as an administrator check box, and then click OK."

Not exactly much of a solution....

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David Hearn wrote:

Actually, what I've found is that many shortcuts that get created via installers (ie. appear in the Start Menu) – including Office 2007 shortcuts – don't have Run As Administrator. However, if I go to an .exe and right click, selecting "Create shortcut", the resulting shortcut properties has an additional Compatibility tab, and also has the Run As Admin context menu.

Strangely, my Firefox shortcut on Start Menu **does** have Compatibility/Run As Admin. Maybe a different installer was used?

Doing a quick search though found:

<http://forums.microsoft.com/MSDN/ShowPost.aspx?PostID=1439749&SiteID=1>

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Which seems to show how to use an API to alter the shortcut settings.

Hopefully that might help,

David

Eric Johnson wrote:

Actually, most regular shortcuts do have the Run as Administrator. I can manually create a shortcut to my app (and all apps I think) and it appears just fine. It has something to do with how the VS Setups create the shortcuts, but I just don't know what to do about it.

In my case, I don't want the app to be run as administrator each and every time. Just the first time they run it so some other features can be installed and configured.

David Hearn wrote:

Sorry, I mis-read your question.

I believe shortcuts don't support Run As Administrator – only the actual .exe itself. I've never seen Run As Administrator on any shortcut I've tried.

If you want to always run the target of the shortcut as Administrator then set that option on the .exe itself. But I don't know of a way of doing that on an at execution option basis. It's either always As Admin, or not at all.

If you want to get the app to always run as Administrator without having to manually set the option on the .exe, then I believe you need to create a manifest for the .exe which states it must run as Administrator.

Hope that helps,

David

Eric Johnson wrote:

Yes, but I'm referring to the shortcuts my setup creates to my application.

Start...Programs...My App -> c:\program files\blah\blah.exe

The "My App" shortcut doesn't have Run As Administrator in the context menu.

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David Hearn wrote:

Eric Johnson wrote:

I have a
VS2005
setup
project for
installing
my C#
application.
Nothing
fancy, just
copies some
files to
Program
Files and
creates Start
Menu
shortcuts.

On
Windows
Vista, the
"Run as
Administrator"
is missing
from the
context
menu when
I right-click
my
shortcuts. I
need that
capability,
what makes
that
disappear?
How can I
get it to
appear?

Thanks,
Eric

MSI files are always run as
Administrator (well, they
always elevate midway
through) so they don't have
"Run as administrator" on

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the context menu.

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