

## Re: Writing to Vista registry with Java

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*Source:* <http://coding.derkeiler.com/Archive/Java/comp.lang.java.programmer/2007-11/msg00638.html>

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- *From:* Owen Jacobson <[angrybaldguy@xxxxxxxxxx](mailto:angrybaldguy@xxxxxxxxxx)>
  - *Date:* Sun, 04 Nov 2007 13:52:46 -0800
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On Nov 4, 12:11 pm, JediKnight2 <[JediKnig...@xxxxxxxxxx](mailto:JediKnig...@xxxxxxxxxx)> wrote:

One of my programs uses jRegistryKey.jar and jRegistryKey.dll to write to the registry. Basically it tells windows weather to start the application on Windows Startup or not. Well, this all works fine in XP, but with Vista it doesn't work and from what I see no update is given on the Sourceforge page. Anything like jRegistryKey around that can replace this.

Again, in my application I have an option under View>"Launch on Startup" if it is set, it starts on Windows startup and sets the proper key to do that under HKLM\Software\Microsoft\Windows\CurrentVersion\Run\MyProgramLauncher The application is installed in the Program Files folder.

Any suggestions?

You may be running afoul of Vista's compatability shims. Certain keys and certain filesystem paths are redirected to per-user versions of themselves when accessed by apps running as a non-admin user. This is intended to minimize the number of crashes under non-administrator accounts for apps that assume they have admin privs, such as yours.

jRegistryKey is writing to the key you're requesting, but Windows is redirecting that write. In order to have an application run at startup, you must make the appropriate changes \*as an Administrator\*. Any other registry manipulation library for Java would encounter the same behaviour, as it's part of Windows now.

The right solution is probably to disable or remove that menu item entirely unless the user is an administrator, or to dig through the UAC docs on MSDN to find out how to escalate your privs for the duration of the registry change. The WRONG solution is to tell users they have to run as an admin; that's the sort of thing the entire internet has been trying to get Windows users away from because it's so bloody hazardous.

Details here: <<http://msdn2.microsoft.com/en-us/library/bb530198.aspx>>

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