

Changing permissions for files and Registry keys for Douglas Instruments' software

Douglas Instruments' software is unusual in that all users must be able to write to files in the *Program Files* folder, and to keys in the *Registry*. This is because changes to the physical state of the robot need to be communicated to all users.

When the Douglas Instruments' Crystallization Software is installed, the *Installer* tries to change the permissions both for *Douglas Instruments* folder, and for the *Douglas Instruments* Registry keys. However, because there are many updates and versions of Windows, this does not always work.

If the software doesn't work after installation, try changing the permissions by hand - see below.

For *Windows XP Home*, start Windows in *Safe Mode* (press F12 before Windows starts) and log on as *Administrator*.

To change the permissions for the Douglas Instruments folder:

1. Right-click on the *Start* button, and select "*Explore*"
2. Navigate to *C:\Program Files\Douglas Instruments* and right-click on it.
3. Select *Properties*, then *Security*.
4. Select each user that needs to use the software, and ensure that the "*Allow*" box opposite "*Full Control*" is checked (ticked). Click on *Apply*.

Use *regedit.exe* (or *regedt32.exe* for Win2000) to change the permissions for the *Douglas Instruments* branch of the Registry:

1. Click on *Start | Run*. In the box provided, type " *REGEDIT* " <enter>.
2. Navigate to *HKEY_LOCAL_MACHINE\SOFTWARE\Douglas Instruments*
3. Right-click on the *Douglas Instruments* branch, and click on *Permissions*.
4. Select each user that needs to use the software, and ensure that the "*Allow*" box opposite "*Full Control*" is checked (ticked). Click on *Apply*.

An alternative approach is to use a "*local administrator*", i.e. a user with administrator rights on the PC, but not on the network. This should not compromise security on the network.

If you see a user group called "*Everyone*", you may be able to solve the problem by changing only its permissions.

More information can be found at <http://support.microsoft.com/kb/308418/en-us>

If this method doesn't work, but you are able to solve the problems, please let me know what you did!

Patrick Shaw Stewart
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