DENFORD

Enabling the write access on the Denford data directory

Introduction

Denford software writes to a common directory on the PC that the software is installed on. This directory, and the directories beneath it, must allow files to be created and saved here. Without the ability to save files in this directory then the software is not able to save configuration files, like the current tool library or selected machine settings.

The common data directory is used by all users that log on to the machine. So if one users edits the available tools then those changes will be accessible to all other users. **The write permission on the directory must be applied to all possible users whether they are a standard user or an administrator**, and not just the current user.

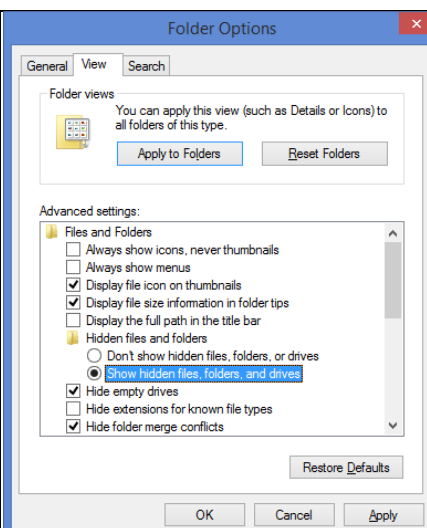On a Windows XP machine, the path to the common Denford directory is :

C:\Documents and Settings\All Users\Application Data\Denford

On all subsequent versions of Windows, from Vista up to Windows 10, the directory is :

C:\ProgramData\Denford

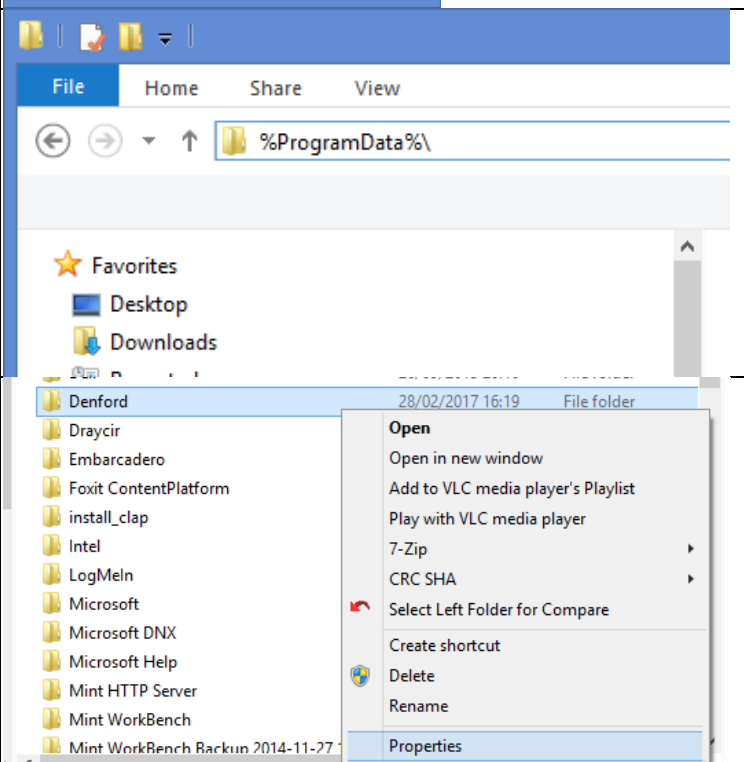## Changing permissions

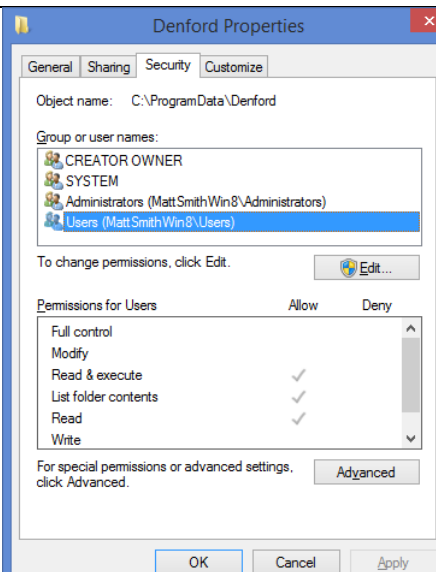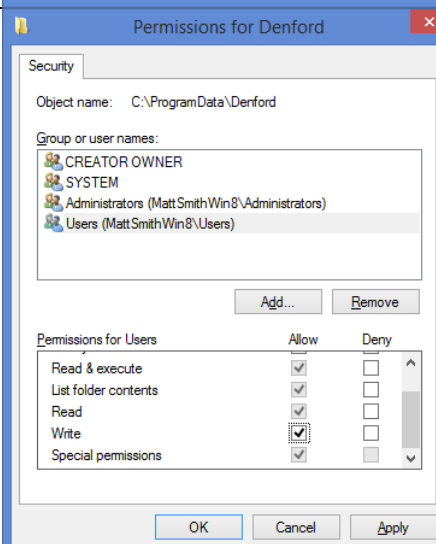|	
You must be logged in as an administrator in order to make changes. The Program Data is a hidden folder by default. To be able to make changes, you must first select Folder Options on the PC, click the **View** tab, and then make sure that the 'Show hidden files' option is selected.	
The first step is to find the directory that permissions must be given to. The easiest way to do this with Windows Vista and later is to enter the path of : **%ProgramData%** Into Windows Explorer. This will then display the program data directories.	
Now choose select the Denford directory, and right click the mouse. Select **Properties** from the bottom of the menu.	

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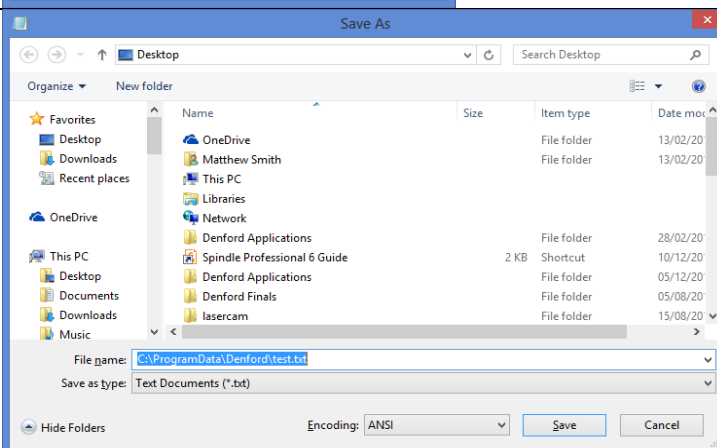|	
Click on the **Security** tab. Check the permissions of the different groups. The normal user of the software would probably be a User. It is vital that Users have the Write permission set to be Allow. In this example , they do not.	
To change this, select Users and the click the **Edit** button. Only an Administrator user will be able to do this. On the following screen, select the Users group, and put a tick in the Write-Allow box. Then click **OK**.	
To test that the change has worked, start **Notepad** as a normal user and create a test file. Save this file to the ProgramData directory with a name of 'test.txt'.	
Now make a change to the contents of the file in **Notepad**, and save the change. If the permissions are set up correctly then the file will be saved to the directory without any error messages being raised.	

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