

RE: Translate BUILTIN to domain name

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There is an environment variable called userdomain and LogonServer.
If you log on to local computer, they will have value computer name.
If you log on to remote computer (domain controller), they will have remote computer name. You can access environment variable using system.Environment class.

"Anders K. Olsen" wrote:

Hello group

I'm trying to list the users and groups who has read access to a file.

I use .NET 2.0 and `FileInfo.GetAccessControl().GetAccessRules(...)` and then loop through the `FileSystemAccessRule` objects. Using these objects, I can get the `NTAccount` object using the `IdentityReference` property.

I have a problem with the "well known" accounts, because they return the same name for each computer that I ask. E.g. the Users account is called `BUILTIN\Users` on my computer. I need to translate this BUILTIN domain name to an actual computer or domain name. Just like it is done when I click on the Security tab of the file property dialog.

If it is on my local computer, I guess that I should just translate it into the local computer name. However, what should I do if it is on a remote computer? If the remote computer is a Domain controller, it looks as if I should translate it to `<DOMAIN>\Users` instead of `<COMPUTERNAME>\Users`.

Is there a nice way to do this translation? It should be possible, because Windows does it when you look at the Security tab on a file property dialog. Is it possible to do using .NET?

Thank you for your help

Regards
Anders

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