

## Re: Programming the User–Account\_Property using C#

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<http://www.tech–archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2007–03/msg01748.html>

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- *From:* "Chris Noble" <[chris.noble@xxxxxxxxxxxxxxxxxxx](mailto:chris.noble@xxxxxxxxxxxxxxxxxxx)>
  - *Date:* Mon, 12 Mar 2007 12:41:15 –0000
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Willy

It looks like I've found what I need for creating the mailboxes to save you replying.

<http://support.microsoft.com/kb/313114/>

Regards

Chris

"Chris Noble" <[chris.noble@xxxxxxxxxxxxxxxxxxx](mailto:chris.noble@xxxxxxxxxxxxxxxxxxx)> wrote in message <news:uLBIFPyYHHA.2316@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

Thanks Willy

Thanks – this was exactly what I needed. It works fine and its a great deal less code than my previous version from 5/6 years ago. When I've finished this I am unlikely to have to stray into into this area again for a good few years. It will probably be something like VS 2010 with Framework 10 and yet another new technology! Unless you work regularly with a particular technology it is difficult to know what approach to take to solve a particular problem and to find examples on the MS site. SDDL is a new one for me. I will have to look it up.

I now have to work out how to 'mail enable' a user and create a mailbox for them. I used CDOEXM before. I hope there is a Framework class now to handle all this.

Thanks again for your help

Regards

Chris

"Willy Denoyette [MVP]" <[willy.denoyette@xxxxxxxxxxx](mailto:willy.denoyette@xxxxxxxxxxx)> wrote in message <news:uNIqnGpYHHA.408@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

Re: Programming the User–Account\_Property using C#

"Chris Noble" <chris.noble@xxxxxxxxxxxxxxxx> wrote in message  
[news:eWCiognYHHA.2268@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:eWCiognYHHA.2268@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Thanks Willy

But I'm still confused.

In my earlier version the algorithm to do this went roughly like this:

Get Security Descriptor for the object.

Using the security descriptor get the DACL for the object.

Create an ACE and add:

access mask ADS\_RIGHT\_DS\_CONTROL\_ACCESS

trustee (NT Authority\\Self)

access type

ADS\_ACE\_TYPE\_ACCESS\_DENIED\_OBJECT

set accessflags to CHANGE\_PASSWORD\_GUID (no inheritance)

add ACE to DACL

Set Security Descriptor for the object.

Do I still need to do all this.

I am finding it difficult to translate the old terms into the new ones.

I can't see how to get to the ACEs from the DirectoryEntry

This is exactly what you need to do, except that now in v2 you have a class which makes it a lot easier.

Take a look at the ActiveDirectorySecurity class (and not DirectorySecurity as per my previous answer) in System.Security.AccessControl.

And here is a C# sample (scroll down the page):

<http://msdn2.microsoft.com/en-gb/library/ms180915.aspx>

but there are easier ways to do this using the SDDL format.

Willy.