

## Re: Role of current windows login user

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*Source:*

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2006-01/msg02830.html>

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- *From:* "Willy Denoyette [MVP]" <[willy.denoyette@xxxxxxxxxx](mailto:willy.denoyette@xxxxxxxxxx)>
  - *Date:* Mon, 16 Jan 2006 17:10:32 +0100
- 

Well, as Windows based 'roles' are mapped to "Windows security group" membership, and because a user can be a member of more than one security group, it should be role(s).

Take a user "Bob", which is a member of both 'SalesDpt' and 'AccountMgrs', Bob is automatically assigned both roles. In your code you can execute different paths depending on whether he's an account manager or just a generic member of a sales department.

Note that enumerating user groups (roles) by reflecting private methods like shown by Peter, is NOT the way you should go, this code is non-portable and fails on v2. The only right way to enumerate user groups is by using the System.DirectoryServices classes.

Willy.

"Mark White" <[markw2927@xxxxxxxxxx](mailto:markw2927@xxxxxxxxxx)> wrote in message  
[news:%23brStMrGGHA.1180@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:%23brStMrGGHA.1180@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

| One other question.

|

| This was on a "skills test". The time has passed, and I'm not interested  
in

| seeing any code. Just trying to make sense of this.

|

| One of the requirements was to "display the role of the current logged in  
user".

|

| This was the test from the tech. manager. Unless it's a typo, shouldn't  
it

| be role(s)?

|

| Thanks.

| "Willy Denoyette [MVP]" <[willy.denoyette@xxxxxxxxxx](mailto:willy.denoyette@xxxxxxxxxx)> wrote in message  
[news:%23830pafGGHA.3976@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:%23830pafGGHA.3976@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

| >

| > "Mark White" <[markw2927@xxxxxxxxxx](mailto:markw2927@xxxxxxxxxx)> wrote in message

| > [news:%23sOsM2XGGHA.1452@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:%23sOsM2XGGHA.1452@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

| > | Hey everyone

| > |

| > | I'm having a great deal of problems finding this information through

## Re: Role of current windows login user

|> google  
|> | and yahoo, so I turn to you on this.  
|> |  
|> | I have a Windows app running on XP. I am able to capture the user's  
| Name  
|> | property in the WindowsPrincipal's Identity interface.  
|> |  
|> | Where can I find the role that the user is assigned for the current  
| login?  
|> | I only want the one role which is assigned for the current user, not  
all  
|> of  
|> | the groups in which the user belongs (that is working fine).  
|> |  
|> | Do I have to actually test out permissions on files/objects to find  
the  
|> | current role/group? Seems to be a lot of work going that route for  
|> | something which should be accessible in the same interface as Name.  
Why  
|> | isn't it?  
|> |  
|> | I'm on 1.1 btw. Has this changed in 2.0?  
|> |  
|> | Thank you in advance for any help you can give me.  
|> |  
|> | Mark White  
|> |  
|> |  
|> |  
|> Roles are not meant to check/control resource access permissions, they  
are  
|> meant for program access/flow control. These are totally different  
things.  
|>  
|> if(myPrincipal.IsInRole("Sales"))  
|> {  
|> // Do whatever "Sales" is allowed to do, initialize the UI etc...  
|> }  
|> else  
|> if((myPrincipal.IsInRole("AccountManagers"))  
|> // do whatever "AccountManagers" are allowed to do.  
|>  
|> Resources like file and directory object permissions are checked when a  
| user  
|> opens the resource, this is the task of the OS and (in general) not the  
| task  
|> of an application program. Note that V2.0 includes managed classes that  
|> wraps the object security access API's in Win32 by means of  
|> System.Security.AccessControl classes, v1.1 user can achieve the same  
| using  
|> System.DirectoryServices and some ADSI stuff or by using the

Re: Role of current windows login user

|> System.Management and WMI classes.

|>

|> Willy.

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• *Follow-Ups:*

◆ **Re: Role of current windows login user**

◇ *From:* Mark White

• *References:*

◆ **Role of current windows login user**

◇ *From:* Mark White

◆ **Re: Role of current windows login user**

◇ *From:* Willy Denoyette [MVP]

◆ **Re: Role of current windows login user**

◇ *From:* Mark White

• Prev by Date: **Re: HI**

• Next by Date: **Extending objects that get returned as generics**

• Previous by thread: **Re: Role of current windows login user**

• Next by thread: **Re: Role of current windows login user**

• Index(es):

◆ **Date**

◆ **Thread**