

Re: Username and Usergroup

Source:

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.formscoding/2004-09/2234.html>

From: '69 Camaro (*ForwardZERO_SPAM.To.69Camaro_at_Spameater.orgZERO_SPAM*)

Date: 09/20/04

Date: Mon, 20 Sep 2004 04:58:54 -0700

Hi, TK.

> *I'm curious – what is the point of this function? If the user is not in the group that has the permissions to run the query in question, or open the form, etc. – they already won't be able to do so*

You have a valid point about the security permissions for running queries or opening forms. However, Jokobe didn't ask how to control these operations. While you may disagree with me, after reading the request I interpreted Jokobe to be requesting information for how to capture the user name and group name to `_use_` for some queries and forms:

> > > *Within the database I do need the username and the usergroup for some queries/and forms. Is there a chance to catch the username when starting the database?*

Access developers who need to customize database applications require a lot more flexibility than just the ability to limit who runs which queries or who opens which forms. These two functions I posted below allow much more granularity of the security permissions assigned and help prevent duplication of development and maintenance efforts.

For example, a form that has multiple inputs from various users of two groups, "Data_Input" and "Supervisors," should have sufficient permissions to enable both groups to open the form. However, the form's "Approved" field should be locked for the "Data_Input" users so that they can't make changes to it. If a developer didn't have the ability to determine whether the current user was not a member of the "Supervisors" group in order to lock that field when the form opens, then there would have to be two different forms, one for members of the Data_Input" group (which lacks an "Approved" field) and another one for members of the "Supervisors" group (which displays all fields). Having two separate forms doubles the developer's efforts required to make changes to the form, so this is not desirable.

Queries can also be customized by filtering records from tables that multiple groups are permitted to view, including when certain fields are not necessary for members of some of the groups. Instead of creating multiple queries that are nearly identical, one for each group, a single query can be created and filtered with the WHERE clause, HAVING clause, and/or IIF() function.

> *So why are you trapping that when opening the db?*

I didn't mention it, but with the functions I posted below, there's no need to trap the user name or user group upon opening the database. These functions will return the correct values at any time while the database application is running, so there's no need to capture and save them for later use.

Does this explanation satisfy your curiosity?

Gunny

See <http://www.QBuilt.com> for all your database needs.

See <http://www.Access.QBuilt.com> for Microsoft Access tips.

(Please remove ZERO_SPAM from my reply E-mail address, so that a message will be forwarded to me.)

"TK" <sprdhword@hotmail.com> wrote in message
news:O56HR4vnEHA.3680@TK2MSFTNGP10.phx.gbl...

> *I'm curious – what is the point of this function? If the user is not in
the*

> *group that has the permissions to run the query in question, or open the*

> *form, etc. – they already won't be able to do so and Access will gladly*

let

> *them know.*

> *So why are you trapping that when opening the db?*

> *Just wondering.*

> *TK*

>

> *"'69 Camaro" <ForwardZERO_SPAM.To.69Camaro@Spameater.orgZERO_SPAM> wrote
in*

> *message news:%23hL3I\$unEHA.744@TK2MSFTNGP10.phx.gbl...*

> > *Hi.*

> >

> > *After the user has successfully logged into the secure database, use the*

> > *following function to determine the user's UserID:*

> >

> > *CurrentUser()*

> >

> > *Since users are often members of multiple groups, it would probably be*

> > *better to find out whether the current user was a member of a specific*

> > *group*

> > *that has the permissions to run a certain query or open a certain form.*

```
> You
> > can use code such as the following to determine whether a user is a
member
> > of a specific group:
> >
> > '=====
> > ' Function: isMemberOfGrp( )
> > ' Returns True if the user is in the group.
> > ' Usage: isMemberOfGrp(CurrentUser(), "Admins")
> > '=====
> >
> > Public Function isMemberOfGrp(sUserName As String, sGrpName As String)
> >
> > On Error Resume Next
> >
> > Dim junk As String
> >
> > junk = DBEngine(0).Users(sUserName).Groups(sGrpName).Name
> >
> >
> > '-----
> > ' Determine whether checking this Property
> > ' caused an error or not.
> >
> > '-----
> >
> > If (Err.Number = 0) Then
> > isMemberOfGrp = True
> > Else
> > isMemberOfGrp = False
> > End If
> >
> > Err.Clear
> >
> > End Function
> >
> > HTH.
> >
> > Gunny
> >
> > See http://www.QBuilt.com for all your database needs.
> > See http://www.Access.QBuilt.com for Microsoft Access tips.
> >
> > (Please remove ZERO_SPAM from my reply E-mail address, so that a message
> > will be forwarded to me.)
> >
> >
> > "jokobe" <anonymous@discussions.microsoft.com> wrote in message
> > news:447f01c49ee9$837cf6b0$a601280a@phx.gbl...
> > > Hi ng,
> > >
```

microsoft.public.access.formscoding: Re: Username and Usergroup

> > > *when starting a secure database(ACC2000) the user have to*
> > > *give his username and his password. Within the database I*
> > > *do need the username and the usergroup for some*
> > > *queries/and forms. Is there a chance to catch the username*
> > > *when starting the database?*
> > >
> > > *thanks in advance*
> > >
> > > *jokobe*
> >
> >
>
>