

RE: Conditional display of records ...

Source:

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.formscoding/2006-08/msg01400.html>

- *From:* Me <Me@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Wed, 9 Aug 2006 09:15:02 -0700
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Hi Klatuu,

I really appreciate your detailed reply! I will implement your suggestion and let you know.

In the meantime, just wanted to share with you how I planned to do it. I have a table say 'A' in which the data is either confidential or not. In this table,

I have a flag set to 'Y' or 'N'. If 'Y' then its confidential. I have another table wherein I will keep the list of override users. Whenever there is a request to override this particular record, using the button on the form, admin fills out another form to override users say table 'B'.

So in my query, I will map 'A' and 'B' for flag='Y' and userid (with which users logon) with the userid stored in table 'B'. This is the right approach or not, is different story. Since you mentioned that you didn't know how I wanted to use it, I thought of sharing it with you.

I will try your suggestions (are really good) and let you know. Stay tuned.

Thank you very much,
-Me

"Klatuu" wrote:

queries cannot see variables of any kind. You can embed a function in a query. Also, if there are no arguments passed to a query in a function, it will execute only one time rather than for each record.

The trick is to create a function that calls the username function and pass the flag as an argument. Your function should look at the flag and determine whether the user has rights to view the record. What I don't know is how you know which users have rights to see the records. For example purposes, I will assume you have a table of users with a field that shows what rights each has. The code below is totally untested air code, so it may take some

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tweeking to work correctly.

Add a Calculated field to your query that will call the function which will return True or False and set the criteria for the field to True. In the function call, pass the flag to the function.

Here would be your field definition:

ShowRec: CheckFlag([Flag])

```
Function CheckFlag(strFlag As String) As Boolean
Static strPermission As String
Static strUser as String
```

```
If strFlag = "N" Then
CheckFlag = True
Exit Function
```

```
If Len(strUser) = 0 Then
strUser = GetUserName
strPermission = Nz(DLookup("[Permission]", "UserTable", "[UserID] =
" & strUser & """), "")
End If
```

```
If Len(strPermission) = 0 Then 'Unknow User, Dont Show
CheckFlag = False
ElseIf strPermission = "Mgr" Then '(This is whatever says they have
permission)
CheckFlag = True
Else
CheclFlag = False
End If
End Function
```

Note the variabelbes in this function are Static. That means they retain their value between calls to the function. The reason in this case if for performance. If we already know what we found in the user table, it is not necessary to pay the overhead of a DLookup for each record.

"Me" wrote:

Hi Klatuu,

I am trying to specify the UserName in Query and then use the query in form, its not wokring. It asks for UserName. On launch of my access project, I run this form which calls the function to get the username, I move username to Public variable in the query. But still when I run the query it asks me for UserName. My question is how do I call the function in query to get the UserName and then do the rest ...

Thank you,
-Me

"Klatuu" wrote:

Here is a function that will return the userid.

```
Private Declare Function GetUserNameA Lib "Advapi32"  
(ByVal strN As String,  
ByRef intN As Long) As Long  
Public Function GetUserID()  
' Gets the userid (5+2) of the current user.  
' Put the following in the declarations section:  
'Private Declare Function GetUserNameA Lib "Advapi32"  
(ByVal strN As String,  
ByRef intN As Long) As Long  
' modified 4/11/02 dbk set default userid for those not on  
network  
  
'set default to xxx, changed 10 to 20 for length on 2 lines  
  
Dim Buffer As String * 20  
Dim Length As Long  
Dim lngresult As Long, userid As String  
  
Length = 20  
  
lngresult = GetUserNameA(Buffer, Length)  
If lngresult <> 0 Then  
userid = Left(Buffer, Length - 1)  
Else  
userid = "xxxxxxx"  
End If  
'MsgBox "USERID = " & userid, , "GetUserID()  
GetUserID = UCase(userid)  
  
End Function
```

"Me" wrote:

Klatuu,

Yes, I can certainly include the userid in
query, what's the syntax to use
the userid?
'cause I am not using Access security, I am

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using the sql server security.

Or on Form_Current, I can find out who is logged on, at that time is there any way to modify the criteria?

Thank you for your help!

-Me

"Klatuu" wrote:

Use a query based on the table as the record source of the form. Include a filter criteria in the query that includes or excludes the flagged records based on the user id.

"Me" wrote:

I have a form to display records based on a flag in database table. All users should be able to view records flagged 'N' and only those users with some particular userid should be able to view records flagged 'Y'.

What's the best way to achieve

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this?

Thank you,

-Me