

RE: Set Filter from Startup form to another form

Source:

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.formscoding/2006-10/msg01722.html>

- *From:* RWilly <RWilly@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Thu, 26 Oct 2006 12:33:02 -0700
-

Here is all the code from the Load Event and the Function

```
Private Sub Form_Load()  
Dim strPrg As String  
  
On Error GoTo Form_Load_Error  
  
strPrg = CurrentDb.Properties("MyProgram")  
  
Form_Load_Exit:  
  
On Error Resume Next  
  
Exit Sub  
  
Form_Load_Error:  
  
If Err.Number = 3270 Then  
strPrg = StartProgram(False)  
Else  
MsgBox "Error " & Err.Number & " (" & Err.Description & _  
") in procedure Form_Load of VBA Document Form_frmMasterSubTest"  
End If  
GoTo Form_Load_Exit  
  
End Sub  
' Here is the function it calls if the program does not exists:  
  
Private Function StartProgram(blnPropExists) As String  
Dim Prop As Property  
Dim strProgName As String  
  
strProgName = InputBox("Please Enter Program Code")  
  
With CurrentDb  
If blnPropExists Then  
.Properties("MyProgram") = strProgName
```

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```
Else  
Set Prop = .CreateProperty("MyProgram", dbText, strProgName)  
.Properties.Append Prop  
End If  
End With
```

```
StartProgram = strProgName  
End Function
```

Thanks again

"Klatuu" wrote:

Post back with the all the code as you have it. I tested it and it does work. There must be some error in copying and pasting the code.

"RWilly" wrote:

I'm back to using the original approach you suggested, as each user will have their own copy of the mdb (front and back end, 30 offices across the state with no network but the Internet).

On using the code from your last message, I get

run-time error "13"
type mismatch

Debug points to

```
Set Prop = .CreateProperty("MyProgram", dbText, strProgName)
```

I've tried specifying an object for CreateProperty, but I don't really know what I'm doing in this case. I really appreciate your patience, and any help or suggestions you have.

"Klatuu" wrote:

Using the Database Property method is presistent. The original approach I suggested would really only be useful if you correctly implement your application so that each user has their own copy of the mdb on their computer.

Using a table will work in a multi user environment regardless of how the

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deploy the application.

The primary difference is, that once set, the Property can be read without any other actions.

If you want to have the program persistent throughout the application, make this the Load event of your start up form. Or, if your start up code is not a form, change the name of the sub, and execute it somewhere in your start up code. It will ensure the property exists and create it if it does not.

```
Private Sub Form_Load()  
Dim strPrg As String  
  
On Error GoTo Form_Load_Error  
  
strPrg = CurrentDb.Properties("MyProgram")  
  
Form_Load_Exit:  
  
On Error Resume Next  
  
Exit Sub  
  
Form_Load_Error:  
  
If Err.Number = 3270 Then  
strPrg = StartProgram(False)  
Else  
MsgBox "Error " & Err.Number & " (" &  
Err.DESCRPTION & _  
") in procedure Form_Load of VBA Document  
Form_frmMasterSubTest"  
End If  
GoTo Form_Load_Exit  
  
End Sub
```

Here is the function it calls if the program does not exist:

```
Private Function StartProgram(blnPropExists) As String  
Dim Prop As Property  
Dim strProgName As String  
  
strProgName = InputBox("Please Enter Program Code")  
  
With CurrentDb
```

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```
If blnPropExists Then
.Properties("MyProgram") = strProgName
Else
Set Prop = .CreateProperty("MyProgram", dbText,
strProgName)
.Properties.Append Prop
End If

End With
StartProgram = strProgName
End Function
```

Now all that is necessary is to set the filter for each form where you want the filtering to apply. Put this code in the Load Event of the forms:

```
Me.Filter = "[Program] = " &
Currentdb.Properties("MyProgram") & ""
Me.FilterOn = True
```

"RWilly" wrote:

Thanks for the reply. I was hoping you might have an idea on how to make the filter set on the data entry/editing forms permanent, or sticky, so the filters remain until they're removed explicitly. It's important enough that I'm going back to the code you forwarded and seeing if I can use/adapt it.

Regards.

"Klatuu" wrote:

That will do just fine, in fact in a multi user environment, you may want to add the userid to the table. Then in the startup, lookup the userid and if they already have a program defined, use it.

"RWilly" wrote:

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Thanks for
your
response.
Sorry it
took me so
long to get
back. I tried
to
implement
the code
you were
kind enough
to send.
Once I
added

`currentdb.Properties.Refresh`

to the two
lines of
code in the
Immediate
Window it
ran without
errors, but
I couldn't
get the code
in the
command
button to
run without
errors. I
should
have made a
note of the
exact error.

Right now
I've
created a
form that is
close to
doing what
I want it to.
I've
got an
unbound
combo box
that shows
all the local
districts

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(aka local programs).
One I select a local district, I then run the code below from a command button on the same form.

```
Private Sub cmdFilterMGSP_Deliv_Click()  
Dim strSQL  
As String  
  
If Me("cboProgFilter") <> "" Then  
' Build SQL String.  
strSQL = "  
((tblLocalProg.[ProgID]"  
-  
& " = " & Me("cboProgFilter")  
& "))"  
ProgID is a long integer  
End If  
  
If strSQL <> "" Then  
  
' Set the Filter property.  
Forms![frmMGSP_Deliv].Filter = strSQL  
Forms![frmMGSP_Deliv].FilterOn = True  
End If  
  
End Sub  
  
Private Sub Form_Open(Cancel
```

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```
As Integer)  
DoCmd.OpenForm  
"frmMGSP_Deliv"  
End Sub
```

I do have to
open
frmMGSP_Deliv,
which
seems
clumsy, but
the filter on
frmMGSP_Deliv
is set.
However, it
doesn't
stay set
when it's
opened the
next
time. I've
commented
out the code
you sent in
your last
message, so
that
shouldn't
be a
problem.

Any
suggestions
are
appreciated.
Thanks.

"Klatuu"
wrote:

Getting
pretty
advanced
here,
aren't
we
:)

Not

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that
hard,
really.
All
you
need
to
do
is
create
a
database
property
that
you
can
read
each
time
you
need
to
open
the
form
and
load
it's
value
in
the
filter.
You
may
also
want
a
button
that
allows
the
user
to
change
the
value
of
the
property
if
they

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need
to
change
programs.

The
first
thing
you
will
need
to
do
is
create
the
property.

The
quick
and
easy
way
is
to
do
it
in
the
immediate
window
of
the
the
VBA
editor.
Here
are
the
two
lines
of
code
to
type
in:

```
set  
prop  
=  
currentdb.CreateProperty("MyProgram",dbtext,"New")  
currentdb.Properties.Append
```

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prop

You
can
change
the
name
of
the
property
by
replacing
MyProgram
with
whatever
you
want
to
call
it.

I
use
the
value
New
because
we
will
want
that
later.

Now,
just
change
your
code
like
this:

```
strDocName  
=  
"frmMGSP_Deliv"  
strFilter  
=  
CurrentDb.Properties("MyProgram")  
If  
strFilter  
=  
"New"  
Then
```

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```
currentdb.Properties("MyProgram")
=
inputbox("Enter
Program
Name")
strFilter
=
CurrentDb.Properties("MyProgram")
End
If
DoCmd.OpenForm
strDocName,
,
,
,
acFormEdit,
,
strFilter

If
you
want
the
user
to
be
able
to
change
the
program,
provide
a
command
button
and
in
the
click
event:

Dim
strNewProgram

strNewProgram
=
inputbox("Current
Program
Is
"
&
```

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```
Currentdb.Properties("myprogram")  
&  
vbnewline  
&  
"Change  
to")
```

```
If  
Len(strNewProgram)  
>  
0  
Then  
Currentdb.Properties("MyProgram")  
=  
strNewProgram  
MsgBox  
"Program  
Changed  
to  
"  
&  
strNewProgram  
Else  
MsgBox  
"Change  
Canceled"  
End  
If
```

"RWilly"
wrote:

Thanks
for
your
help.
I
can
now
open
the
form
using
a
constant,
i.e.,

```
strDocName  
=
```

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```
"frmMGSP_Deliv"  
strFilter  
=  
"1"  
DoCmd.OpenForm  
strDocName,  
,  
,  
,  
acFormEdit,  
,  
strFilter
```

This
occurs
through
a
command
button
on
my
startup
form.
Now
I d
like
to
able
to
have
the
users
click
on
this
command
button,
or
another
one,
and
have
them
choose
their
own
program
as
the
filter
to

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the
form.
Ideally
they
would
only
have
to
do
this
one
time,
when
they
first
start
using
the
database—that
is,
the
form
would
open
with
the
same
filter
already
set
every
day,
so
they
don't
have
to
choose
their
own
program
every
time
they
use
the
database.

What
do
you

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think
of
using
a
command
button
from
the
startup
form
to
call
a
pop-up
form
with
an
unbound
combo
box
that
would
get
their
selection,
and
then
use
it
to
set
the
form
filter?
I
would
appreciate
any
ideas
or
comments
you
have,
regarding
where
to
put
code
and
how
to

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handle
the
variables.

Thanks
again.

"Klatuu"
wrote:

Use
the
OpenArgs
argument
of
the
OpenForm
method
to
pass
the
filter
value
to
the
form.
strFilter
=
"The
Filter
Value
you
Want"
DoCmd.OpenForm
"frmMGSP_Deliv",,,,strFilter

Then
use
the
OpenArgs
property
of
the
form
to
set
the
filter
in

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the
Load
event.

```
If  
Not  
(IsNull)  
Me.OpenArgs  
Then  
Me.Filter  
=  
"[FieldToFilter]  
=  
"  
&  
Me.OpenArgs  
&  
""  
Me.FilterOn  
=  
True  
End  
If
```

"RWilly"
wrote:

I m
working
on
a
startup
form
for
a
database
going
to
35
remote
sites.
I m
trying
to
create
a
command
button
to
set

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or
apply
a
filter
to
a
form
(frmMGSP_Deliv)
in
the
database,
and
then
open
the
database
for
entering
or
editing
data.
I
would
like
the
users
to
be
able
to
choose
their
own
program
as
the
filter.
The
values
are
in
tblLocalProg ProgID,
ProgName,
etc.
I
would
like
the
filter
to
remain

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on
until
the
users
remove
it
specifically,
via
another
command
button
on
the
startup
form,
as
99
percent
of
the
time
they
will
enter/edit
data
only
for
their
own
local
program

I
can
open
frmMGSP_Deliv
for
editing,
via
the
menu,
with
no
problem,
but
I
can t
figure
out
how
to

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set
the
filter.
Thanks
in
advance
for
any
suggestions.