

Re: Emailing a Report

Source:

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.modulesdaovba/2007-01/msg00842.html>

- *From:* strive4peace <strive4peace2006@xxxxxxxxxx>
 - *Date:* Thu, 25 Jan 2007 18:26:09 -0500
-

Hi Gus,

**** debug.print *****

debug.print strSQL

--> this prints a copy of the SQL statement to the debug window (CTRL-G)

After you execute your code, open the Debug window
CTRL-G to Goto the debug window -- look at the SQL statement

If the SQL statement has an error

1. Make a new query (design view)
2. choose View, SQL from the menu
(or SQL from the toolbar, first icon)
3. cut the SQL statement from the debug window
(select, CTRL-X)
4. paste into the SQL window of the Query
(CTRL-V)
5. run ! from the SQL window
-- Access will tell you where the problem is in the SQL

'~~~~~'

the debug window, also called the immediate window, is another good resource. When you are executing code, you can query the value of any variable, field, control, ...

? pSQL

and then press ENTER

-- or whatever is your variable name or control name or what you want to know...

You can also use the debug window to get help on a topic -- type or paste a keyword into the window and

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press F1

'~~~~

Stop: Resume

When the execution comes to STOP, it stops and goes into code

Press F8 to go to the next statement (F5 to continue running automatically)

RESUME causes execution to go back to the offending line so you can fix it ... are all your line continuation codes in there?

I see I forgot one in the example I posted for you ...

--> & ", tblUsers.Email "

should have space, underscore at the end of the line

~~~

once the routine is debugged and working, comment out the Stop:Resume line so the user will resume with the exit code if they hit an error

I also made another mistake ... sorry, <blush>

GoTo Exit\_proc --> Resume Exit\_proc

Warm Regards,

Crystal

\*

(: have an awesome day :)

\*

MVP Access

Remote Programming and Training

strive4peace2006 at yahoo.com

\*

Gus wrote:

Hi Crystal,

Looks like we are close. The code seems to be almost ready. I get this error now (Syntax error(missing operator) in query expression 'INNER JOIN tblAgreements ON tblUsers.USer\_ID=tblAgreements.UserID'.) It points to ...

---> Stop: Resume

It also points to this part when I hit F8.

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----> Set r = CurrentDb.OpenRecordset(pSQL, dbOpenSnapshot)

----> MsgBox Err.Description \_  
, , "ERROR " & Err.Number \_  
& " LoopAgmtsSendEmail"

Have a great evening!

"strive4peace" wrote:

Hi Gus

you're welcome

~~~ DAO Library Reference ~~~

make sure you have a reference to a Microsoft DAO Library

Tools, References... from a module window

scroll to Microsoft DAO 3.6 Object Library and check it

Warm Regards,
Crystal

*

(: have an awesome day :)

*

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Remote Programming and Training
strive4peace2006 at yahoo.com

*

Gus wrote:

Cool! Thanks!

The (strSQL ="SELECT [User_FName] AS UserName" _)
seems to be working after I made a minor change.

Now I get an error (User-deifned type not defined). The Sub
LoopAgmtsSendEmail is highlighted by the Debugger. Also
it points to the (Dim r As DAO.Recordset) and (Dim i As
Integer).

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```
-----> Sub LoopAgmtsSendEmail( _  
-----> pSQL As String)
```

```
'Crystal  
'strive4peace2007 at yahoo dot com
```

```
'NEED reference to  
'Microsoft DAO Library
```

```
'PARAMETERS  
'pSQL --- defines the recordset to open  
' --- this can be a tablename, queryname, or SQL  
statement..."
```

```
'dimension variables  
----> Dim r As DAO.Recordset  
----> Dim i As Integer
```

Crystal, Thank you so much for being patient with me and guiding me with this.

Hi gus,

you're welcome

You must remember to enclose literal values in quotes and concatenate them; the final string must have commas too, so commas will be literals.

```
"SELECT [User_FName] & " " &  
[User_LName] AS UserName,  
-->  
"SELECT " & [User_LName] & " AS  
UserName,"
```

... but this doesn't really make sense -- the only reason to take [User_LName] out of the string is if it is a variable or control or something that has a set value at the time the SQL statement is being constructed...

~~~

just a guess, but try something like this:

```
'~~~~~  
strSQL = "SELECT [User_FName] AS
```

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```
UserName " _
& ", tblUSers.Team " _
& ", tblAgreements.RACA_Agr_Num " _
& ", tblAgreements.Action_Item " _
& ", tblAgreements.Date_Action_Reminder
" _
& ", tblAgreements.Date_Action_Required "
_
& ", tblUSers.Email "
& " FROM tblUSers " _
& " WHERE INNER JOIN tblAgreements "
_
& " ON
tblUSers.User_ID=tblAgreements.UserID "
_
& " ORDER BY UserName;"
```

'~~~~~'

Warm Regards,  
Crystal

\*

(: have an awesome day :)

\*

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strive4peace2006 at yahoo.com

\*

Gus wrote:

Hi Crystal,

Hope your day is going better then mine. I am still not having any luck with the code. Here is what I have. You now know my tables name and the fields I am working with so, you will have a much better picture of what I am trying to do.

Thanks once again. I do appreciate your time very much.

Private Sub

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```
cmdSendEmail_Click()
Dim strSQL As String
strSQL = "SELECT
[User_FName] & " " &
[User_LName] AS
UserName, tblUSers.Team,
tblAgreements.RACA_Agr_Num,
tblAgreements.Action_Item,
tblAgreements.Date_Action_Reminder,
tblAgreements.Date_Action_Required,
tblUSers.Email "
& " FROM tblUSers " _
& " WHERE INNER JOIN
tblAgreements ON
tblUSers.User_ID=tblAgreements.UserID
"

& " ORDER BY
UserName;"
LoopAgmtsSendEmail
strSQL
End Sub

Sub LoopAgmtsSendEmail(
_
pSQL As String)

'Crystal
'strive4peace2007 at yahoo
dot com

'NEED reference to
'Microsoft DAO Library

'PARAMETERS
'pSQL --- defines the
recordset to open
' --- this can be a tablename,
queryname, or SQL
statement..."

'dimension variables
Dim r As DAO.Recordset
Dim i As Integer

'Set up error handler
On Error GoTo Err_proc

'comment or take this line
out after procedure is tested
Debug.Print pSQL
```

## Re: Emailing a Report

```
'open the Recordset
Set r =
CurrentDb.OpenRecordset(pSQL,
dbOpenSnapshot)

'loop through the Recordset
until the end

i = 0

Do While Not r.EOF

SendObject _
acReport _
, "Daily Reminders All
Teams" _
, acFormatHTML _
, r!email _
, _
, _
, "Your Reminder for " &
Format(Date, "ddd
m-d-yy"), "Good Morning,
your report is attached" _
, False _

i = i + 1

r.MoveNext
Loop

MsgBox i & " emails were
sent", , "Done"

Exit_proc:
On Error Resume Next

'close the recordset
r.Close

'release object variables
Set r = Nothing

Exit Sub

Err_proc:
MsgBox Err.Description _
, , "ERROR " & Err.Number
_
& " LoopAgmtsSendEmail"
```

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```
'press F8 to step through  
code and see where problem  
is  
'comment next line after  
routine is debugged  
Stop: Resume  
GoTo Exit_proc
```

```
End Sub
```

"strive4peace" wrote:

Hi Gus,

"I began to  
read your  
access  
basics for  
programming,  
great  
insight. I  
can see your  
passion for  
databases in  
the way in  
which wrote  
this guide."

thank you,  
that is very  
kind of you  
to say; I am  
glad you are  
getting  
some useful  
information  
;)

the problem  
is that you  
have

```
Private Sub  
Command18_Click()
```

```
and no End  
Sub ...
```

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the  
Sub/Function  
declaration  
and the End  
Sub/Function  
are like  
parentheses  
-- they  
must be  
balanced.

You also  
have to send  
the SQL  
string to the  
LoopThroughtblAgreementsAndSendObject  
routine  
(which I  
renamed to  
be shorter)  
...

so, you  
should have  
something  
like this:

```
Private Sub  
Command18_Click()  
'statements  
End Sub
```

```
Sub  
LoopThroughtblAgreementsAndSendObject(  
-  
pSQL As  
String)  
'statements  
End Sub
```

'~~~~~  
.... BUT!  
Before you  
write code  
for a  
command  
button, you  
really  
should give  
it a

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meaningful  
name;  
Command18  
is not  
descriptive.

perhaps  
change the  
Name  
property of  
the button  
to  
something  
like this  
Command18  
-->  
cmdSendEmail

then, you  
would have  
something  
like this for  
your code:

```
'~~~~~  
Private Sub  
cmdSendEmail_Click()  
dim strSQL  
as string  
strSQL =  
"SELECT  
email " _  
& " FROM  
[YourTablename]  
" _  
& "  
WHERE  
conditions "  
  
_  
& "  
ORDER  
BY  
somefieldname;"  
LoopAgmtsSendEmail  
strSQL  
End Sub  
'~~~~~
```

You will  
probably  
collect

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criteria on  
your form  
for the  
'conditions'  
part of the  
SQL  
statement in  
cmdSendEmail.  
Obviously,  
you will  
have to  
rename  
things as I  
do not  
know your  
field/tablenames  
except for  
'email' ;)

LoopAgmtsSendEmail  
could go  
into a  
general  
module or,  
if you are  
only going  
to use it in  
one place,  
you can put  
it behind  
the form  
with Private  
Sub  
cmdSendEmail\_Click

'~~~~~'  
Sub  
LoopAgmtsSendEmail(  
\_

pSQL As  
String)

'Crystal  
'strive4peace2007  
at yahoo dot  
com

'NEED  
reference to  
'Microsoft  
DAO

## Re: Emailing a Report

Library

'PARAMETERS

'pSQL --  
defines the  
recordset to  
open  
' -- this can  
be a  
tablename,  
queryname,  
or SQL  
statement..."

'dimension  
variables  
Dim r As  
DAO.Recordset  
Dim i as  
integer

'Set up error  
handler  
On Error  
GoTo  
Err\_proc

'comment or  
take this  
line out  
after  
procedure is  
tested  
debug.print  
pSQL

'open the  
Recordset  
Set r =  
CurrentDb.OpenRecordset(pSQL,  
dbOpenSnapshot)

'loop  
through the  
Recordset  
until the  
end

i = 0

Do While

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Not r.EOF

SendObject

—