

Re: Emailing a Report -- balance Sub/End Sub, compile

Source:

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.modulesdaovba/2007-01/msg00745.html>

- *From:* strive4peace <strove4peace2006@xxxxxxxxxx>
 - *Date:* Wed, 24 Jan 2007 11:14:01 -0500
-

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 ...

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 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:

Re: Emailing a Report -- balance Sub/End Sub, compile

```
'~~~~~  
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 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 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 Not r.EOF
```

Re: Emailing a Report -- balance Sub/End Sub, compile

```
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"

'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
'~~~~~
```

I added the counter and a MsgBox when it is done; also modified the SendObject statement so that it is sent automatically instead of letting you edit it -- that is what the last parameter, false does -- you may will probably want to remove it until you have things tested unless you do want to edit each email...

'~~~~~ Compile ~~~~~

Whenever you change code or references, your should always compile before executing.

Re: Emailing a Report -- balance Sub/End Sub, compile

from the menu in a module window: Debug, Compile

fix any errors on the yellow highlighted lines

keep compiling until nothing happens (this is good!)

'~~~~~'

Warm Regards,

Crystal

*

(: have an awesome day :)

*

MVP Access

Remote Programming and Training

strive4peace2006 at yahoo.com

*

Gus wrote:

Hi Crystal,

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.

Now that I made the changes to the SendObject that string is working.

My next question and problem is regarding the Private Sub Command Click() when I try to run the code it gives me this (Compile Error Expected End Sub). Are there any other errors you see in my code so far?

Thank you very much. Have an a great day!

```
Private Sub Command18_Click()
```

```
Sub LoopAgmtsSendEmail( _
```

```
pSQL As String)
```

```
Dim r As DAO.Recordset
```

```
'Set up error handler
```

```
On Error GoTo Err_proc
```

```
'PARAMETERS
```

```
pSQL "Daily Reminders All Teams Report"
```

```
Debug.Print strSQL
```

```
'open the Recordset
```

```
Set r = CurrentDb.OpenRecordset(pSQL, dbOpenSnapshot)
```

```
r.MoveFirst
```

Re: Emailing a Report -- balance Sub/End Sub, compile

Re: Emailing a Report -- balance Sub/End Sub, compile

```
'loop through the Recordset until the end

Do While Not r.EOF

SendObject _
acReport, _
"Daily Reminders All Teams", _
acFormatHTML, _
r!email, _
, _
, _
"Your Reminder", _
"Good Morning"

r.MoveNext
Loop

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 & " "
LoopThroughTableAndSendObject ""

'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,

sorry I did not explain the arguments in brackets ... they are optional. Since you are not specifying anything after the messagetext... change the statement to -->

```
SendObject _
acReport, _
```

Re: Emailing a Report -- balance Sub/End Sub, compile

```
"Daily Reminders All Teams", _  
acFormatHTML, _  
r!email, _  
, _  
, _  
"Your Reminder", _  
"Good Morning"  
'~~~~~  
  
[objecttype] --> acReport  
[, objectname] --> "Daily Reminders All Teams"  
[, outputformat] --> acFormatHTML  
[, to] --> r!email  
[, cc]  
[, bcc]  
[, subject] --> "Your Reminder"  
[, messagetext] --> "Good Morning"
```

Warm Regards,
Crystal
*
(: have an awesome day :)
*
MVP Access
Remote Programming and Training
strive4peace2006 at yahoo.com
*

Gus wrote:

Hi Crystal,

This is what I have so far and as you will probably be able to tell it is not working. I try to test it but, it gives me a compile error expected end sub. I tried to modify the code for the email string (SendObject) and if I take out , [templatefile] it tells me it is wrong (turns red). I will appreciate your helping suggestions.

P.S. I am sure I am not combining the Command_Click correctly.

```
Private Sub Command18_Click()
```

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

Re: Emailing a Report -- balance Sub/End Sub, compile

```
Dim r As DAO.Recordset

'Set up error handler
On Error GoTo Err_proc

'PARAMETERS
pSQL "Daily Reminders All Teams Report"
Debug.Print strSQL

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

r.MoveFirst

'loop through the Recordset until the end

Do While Not r.EOF

SendObject _
acReport, _
"Daily Reminders All Teams", _
acFormatHTML, _
r!email, _
' _
' _
"Your Reminder", _
"Good Morning", _
' _
, [templatefile]

r.MoveNext
Loop

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 & " "
LoopThroughTableAndSendObject ""

'press F8 to step through code and see where problem is
```

Re: Emailing a Report -- balance Sub/End Sub, compile

'comment next line after routine is debugged

Stop: Resume

GoTo Exit_proc

End Sub

"strive4peace" wrote:

Hi Gus,

I did have strSQL in the program but changed it to a parameter and see I didn't change strSQL --> pSQL in all the instances ...

obviously, also this

Dim r As DAO.Recordset, strSQL as string
needs to be come just this -->

Dim r As DAO.Recordset

as pSQL is defined as a string in the function declaration...

Warm Regards,

Crystal

*

(: have an awesome day :)

*

MVP Access

Remote Programming and Training

strive4peace2006 at yahoo.com

*

strive4peace wrote:

Hi Gus,

here is some basic code you can modify ... if you have trouble, we can help you out more.

If you are confused about creating the SQL statement to get the data that you

Re: Emailing a Report -- balance Sub/End Sub, compile

want, send me an email and request my 30-page Word document on Access Basics (for Programming) -- it doesn't cover VBA, but prepares you for it because it covers essentials in Access.

Be sure to put "Access Basics" in the subject line so that I see your message...

```
'~~~~~  
Sub  
LoopThroughTableAndSendObject(  
-  
pSQL as string )  
  
'Crystal  
'strive4peace2007 at yahoo  
dot com  
  
'NEED reference to  
'Microsoft DAO Library  
  
'dimension variables  
Dim r As DAO.Recordset,  
strSQL as string  
  
'Set up error handler  
On Error GoTo Err_proc  
  
'PARAMETERS  
'pSQL --- defines the  
recordset to open  
' --- this can be a tablename,  
queryname, or SQL  
statement..."  
  
'comment or take this line  
out after procedure is tested  
debug.print strSQL  
  
'open the Recordset  
Set r =  
CurrentDb.OpenRecordset(pSQL,  
dbOpenSnapshot)  
  
'move to the first record  
r.MoveFirst
```

Re: Emailing a Report -- balance Sub/End Sub, compile

```
'loop through the Recordset
until the end

Do While Not r.EOF

SendObject _
objecttype _
, objectname _
, outputformat _
, r!emailAddressFieldName
, [cc] _
, [bcc] _
, [subject] _
, [messagetext] _
, [editmessage] _
, [templatefile]

r.MoveNext
Loop

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 & "
LoopThroughTableAndSendObject"

'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
'~~~~~
```

Warm Regards,

Re: Emailing a Report -- balance Sub/End Sub, compile

Crystal

*

(: have an awesome day :)

*

MVP Access

Remote Programming and
Training

strive4peace2006 at
yahoo.com

*

Gus wrote:

Thanks for
your help
Crystal.

My
database
serves as a
reminder
system. It
stores user
inputted
information
about action
he or she
needs to
take on a
contract(s)
on or by a
certain date.
I have a
query that
looks up all
the
reminders
based on
date. For
example
01/23/2007,
a report will
be produced
with a list
of all users
who have
an item to
be reminded
of on the

Re: Emailing a Report -- balance Sub/End Sub, compile

mentioned
date.

My
question is
how can I
create the
code for
sending a
message to
all the users
that appear
on the
report
without
having to
type in there
email
address in
the address
line of the
message?
This is the
code I am
currently
using. With
this code I
can only get
one address
in the
address line
of the
message,
also if the
report has
no data I get
a Run-time
error '2498'.
I am not yet
a very savvy
VB user, so
please, if
you can
provide as
much detail
as possible.
Have a
great day!

Private Sub
Command18_Click()

Re: Emailing a Report -- balance Sub/End Sub, compile

```
DoCmd.SendObject
```

```
–  
acSendReport,
```

```
–  
"Daily  
Reminders  
All Teams  
Report", _  
acFormatHTML,
```

```
–  
[email], _
```

```
, _  
, _  
"Your  
Reminder",
```

```
–  
"Good  
Morning!",
```

```
–  
True  
"strive4peace"
```

wrote:

Hi
Gus

here
are
the
parameters
for
SendObject

```
'=====
```

Email

```
'SendObject  
'[objecttype]  
'[  
objectname]  
'[  
outputformat]  
'[  
to]  
'[  
cc]  
'[  
bcc]  
'[  
subject]  
'[
```

Re: Emailing a Report -- balance Sub/End Sub, compile

messagetext]
'[,
editmessage]
'[,
templatefile]

What
is
your
question?

Warm
Regards,
Crystal
*

(:
have
an
awesome
day
:)
*

MVP
Access
Remote
Programming
and
Training