

# Re: Emailing a Report

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*Source:*

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.modulesdaovba/2007-01/msg00803.html>

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- *From:* Gus <[Gus@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:Gus@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Thu, 25 Jan 2007 15:00:01 -0800
- 

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.

----> 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,

Re: Emailing a Report

Crystal

\*

(: have an awesome day :)

\*

MVP Access

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).

```
-----> 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

## Re: Emailing a Report

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 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 :)  
\*

MVP Access  
Remote Programming and Training  
strive4peace2006 at yahoo.com  
\*

Gus wrote:

## Re: Emailing a Report

Hi Crystal,

Hope your day is going better than 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 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
```

## Re: Emailing a Report

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

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"

## Re: Emailing a Report

```
'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 ...

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:

## Re: Emailing a Report

```
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:

```
'~~~~~  
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,

## Re: Emailing a Report

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
```

Re: Emailing a Report

i = 0

Do While Not r.EOF

SendObject \_