

## Re: Help with SQL statement

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*Source:*

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.reports/2008-05/msg00269.html>

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- *From:* Dale Fye <[dale.fye@xxxxxxxxxxx](mailto:dale.fye@xxxxxxxxxxx)>
  - *Date:* Tue, 6 May 2008 14:10:01 -0700
- 

Old,

Just wanted to update you.

I've recently been advised that my comments about Access/Jet doing all of the processing on the Front-end are incorrect. The amount of processing that occurs on the front-end is tied very closely to the indexes that exist on the table being queried, and whether the fields in your WHERE clause are indexed or not.

--

HTH  
Dale

Don't forget to rate the post if it was helpful!

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"Dale Fye" wrote:

I've never used ADO with an Access backend, only with SQL Server, and the processes are totally different with Access and SQL Server backends. With SQL Server, all of the processing is done on the server, with Access (DAO) all of the processing is done in the front end. I believe that is also the case with ADO when using an Access backend.

If you are working with very large files, then you should consider migrating to SQL Server. SQL Server 2005 Express is free and will hold up to 4 GB in each database.

Dale

"OldEnough" <[OldEnough@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:OldEnough@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message [news:8A63440A-54DB-44D4-9EFD-411B85B2520E@xxxxxxxxxxxxxxxxxxxx](mailto:news:8A63440A-54DB-44D4-9EFD-411B85B2520E@xxxxxxxxxxxxxxxxxxxx)

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I am learning. I appreciate your comments. I took your suggestion and worked out the problem with my SQL statement. I am too much of a novice. My connection string connected me with the backend and my maketable query made a new table in the backend instead of in my local database. I changed the code to change the destination file and solved the problem.

```
strSQL = "SELECT * INTO tblItems IN MylocalAppAddress FROM  
tblItems;"
```

I will use the append query version.

Is using linked tables good technique? I am struggling with my front end apps bogging down over the network when certain forms (queries based on large tables) are left open. I thought by unlinking the tables , using ADO for pulling data from the backend and for inserting new data into the backend I could improve performance. I don't know enough to judge. What is your opinion?

"Dale Fye" wrote:

Old

While using ADO is a good technique, using linked table is just as effective.

Is there a particular reason you don't want to use linked tables? I use linked tables to backend databases (both Access and SQL Server) all the time.

Dale

"OldEnough"

<OldEnough@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message

[news:6DC063B6-71FB-4F27-B443-7CF90613171F@xxxxxxxxxxxxxxxxxxxx](mailto:news:6DC063B6-71FB-4F27-B443-7CF90613171F@xxxxxxxxxxxxxxxxxxxx)

Dale

Thanks again for taking time with this. I haven't had time today to experiment. I have just been running as hard

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as I can with other  
problems.

I

will take your advice about deleting the  
existing records and appending  
new

records to the existing tables. That has  
always worked for me in the  
local

database. I am trying to use ADO so that I  
can reference a database on  
the

server without linking files and with as little  
impact on the network

as I

can manage. I will attempt your  
recommended approach over the weekend  
and

if

I can't manage a solution I may at least be  
able to ask better

questions

on

Monday.

Thanks again.

"Dale Fye" wrote:

So you have decided not to  
take my advice and do a  
delete and then an  
append  
to the local table?

If so, I think the way I  
would handle this is to link  
the backend  
table  
to  
your database. When you do  
this, it will probably give it  
a new name  
of  
tblItems\_1 (I would change  
that to tblItems\_backend).

Then, I would delete the  
local table and refresh that  
tabledefs (to

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prevent  
potential conflicts of  
creating a new table with the  
same name as the  
old  
one):

```
docmd.DeleteObject  
acTable, "tblItems"  
currentdb.Tabledefs.refresh
```

Then I would do the make  
table query:

```
Currentdb.Execute  
"INSERT * INTO tblItems  
FROM tblItems_Backend",  
dbfailonerror
```

Another option would be to  
use the TransferDatabase  
method, which  
basically  
allows you to copy a table  
from one datasource to  
another. This would  
avoid  
the necessity to link to the  
backend.

BTW, using any of these  
techniques will cause  
problems if you have  
relationships created which  
are based on any of the  
fields in  
tblItems.

An  
even better way would be to  
link to the backend, then  
update the local  
table  
with data that it doesn't  
already have, or which has  
been changed  
since  
the  
last download.

HTH  
Dale

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--

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"OldEnough" wrote:

Thanks  
Dale  
The table  
names in  
the backend  
and local  
databases  
are  
identical.  
Does  
that pose a  
problem for  
the SQL  
statement? I  
think this is  
one of  
the  
things  
I tried.

```
SELECT *  
INTO  
tblItems  
FROM  
tblItems
```

I may have  
done  
something  
else wrong  
but I got an  
error about  
missing  
parameters,  
and the  
query  
failed.

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"Dale Fye"  
wrote:

Old,

Instead  
of  
dropping  
the  
old  
table,  
I  
would  
recommend  
deleting  
it's  
contents  
and  
then  
replacing  
them  
with  
the  
contents  
of  
the  
table  
from  
the  
backend.  
To  
do  
this,  
you  
would  
need  
to  
create  
a  
DELETE  
query,  
and  
an  
Append  
query.

All  
you

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currently  
have  
is  
a  
SELECT,  
but  
to  
do  
it  
the  
way  
you  
are  
talking  
about,  
you  
would  
need  
a  
Make-Table  
query  
which  
has  
a  
format:

```
SELECT  
*  
INTO  
local_Items  
FROM  
tblItems
```

HTH  
Dale  
--  
Don't  
forget  
to  
rate  
the  
post  
if  
it  
was  
helpful!

email  
address  
is  
invalid

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Please  
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only.

"OldEnough"  
wrote:

I  
apologize  
if  
this  
is  
a  
foolish  
post.  
I  
have  
tried  
to  
figure  
it  
out  
but  
I  
haven't  
had  
much  
luck.  
I  
would  
like  
to  
overwrite  
a  
local  
table  
by  
pulling  
a  
new  
recordset  
from  
our  
backend.  
Users  
have

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a  
local  
app  
with  
a  
large  
table  
that  
needs  
to  
be  
updated  
once  
every  
few  
days.

ideally  
I  
would  
drop  
the  
original  
table  
:  
Docmd.runsql  
"Drop  
Table  
tblItems;"  
Then  
replace  
it  
with  
a  
new  
table.  
The  
code  
below  
pulls  
the  
correct  
recordset.  
Could  
someone  
suggest  
how  
to  
modify  
it  
to

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replace  
the  
original  
table

```
Dim  
strSQL  
As  
String  
Dim  
oCmd  
As  
Command  
Dim  
oRS  
As  
New  
ADODB.Recordset  
Dim  
cnn  
As  
New  
ADODB.Connection  
AppPath  
=  
getTA_dbPath()  
'function  
to  
get  
backend  
db  
path
```

```
With  
cnn  
.Provider  
=  
"Microsoft.Jet.OLEDB.4.0;Data  
Source="  
&  
AppPath  
End  
With
```

```
strSQL  
=  
"SELECT  
*  
FROM  
tblItems;"
```

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```
Set  
oRS  
=  
New  
Recordset
```

```
With  
oRS  
.CursorType  
=  
adOpenForwardOnly  
.LockType  
=  
adLockReadOnly  
End  
With
```

```
Set  
oCmd  
=  
New  
Command
```

```
With  
oCmd  
.CommandText  
=  
strSQL  
.CommandType  
=  
adCmdText  
.ActiveConnection  
=  
strConn()
```

```
Set  
oRS  
=  
.Execute  
End  
With  
oRS.Close  
Set  
oRS  
=  
Nothing
```

Any  
suggestions  
would  
be  
appreciated.

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