

Re: From .mdb to .adp database

Source:

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.adp.sqlserver/2007-10/msg00126.html>

- *From:* "Nesta" <nestaman@xxxxxxxxxxxx>
 - *Date:* Thu, 25 Oct 2007 16:22:36 -0400
-

Hi Norman,

thank you for all the explanations.

I adapted and tried the part of code you gave me to execute a SP in VBA. And it almost worked.

But i still have some troubles...

I have a module in the one is contained a sub that receive parameters (in that case, NumeroMag as an integer)

Here is the code i made :

```
Dim ProcedureStockee As ADODB.Command
Dim Parametre1 As ADODB.Parameter
Dim Results As Recordset
```

```
Set ProcedureStockee = New ADODB.Command
Set ProcedureStockee.ActiveConnection = CurrentProject.Connection
ProcedureStockee.CommandType = adCmdStoreProc
```

```
ProcedureStockee.CommandText = "SP_ResultatRecherche1"
Set Parametre1 = ProcedureStockee.CreateParameter("@LeNumIncident",
adInteger, adParamInput, 8, NumeroIncident)
ProcedureStockee.Parameters.Append Parametre1
```

```
Set Results = ProcedureStockee.Parameters.Execute
```

I have the following message : Member of method of data not found (traduction from french !). Do you know why ?

- 1) What is adParamInput ?
- 2) What is the parameter Siez that i have to give in my "CreatParameter" ?
- 3) the parameter "adCmdStoreProc" for the CommandType is not recognizen. Do you know why ?

I tried to get some more information for the Help, but nothing is given to me (blank pages)...

Thanks bay advance for your help !

Nesta

"Norman Yuan" <NoAddress@xxxxxxxxxxxx> a écrit dans le message de news:
uaKNgLPFIHA.1316@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

When using bound form, you can use SP as a form's RecordSource. Open a form in design mode and open form's Propertie window, Data tab. Set ReportSource an SP, and fill in InputParameter field. You can also click "InputParameter" field and then press F1 to get help topic on Form's InputParameter property.

If you decide to use unbound form and use VBA code to run SP, then you need to use ADO Command object. There are lot of examples around on ADO programming. Here is quick psuedo code:

```
Private Sub cmdButton1_Click()  
Dim cmd As ADODB.Command  
Dim pmt As ADODB.Parameter  
Set cmd=New ADODB.Command  
Set cmd.ActiveConnection=CurrentProject.Connection  
cmd.CommandType=adCmdStoreProc  
cmd.CommandText="MySP"  
Set pmt=cmd.CreateParameter("@Param1".....,myValue1)  
cmd.Parameters.Append pmt  
'Add more parameters if needed  
  
'Execute sp  
cmd.Execute 'No data set is returned  
  
'Or if dataSet is returned  
Dim rs AS ADODB.RecordSet  
Set rs=cmd.Execute  
  
'Then you can use the returned recordset as something's data source  
  
End
```

Of course if you use unbound forms a lot, then there isn't much point to use Access any more: you lost all the conveniences Access offers.

"Nesta" <nestaman@xxxxxxxxxxxx> wrote in message
news:esMILwOFIHA.536@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hi Norman,

I decided to go on with adp project, and i have created a store

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procedure.

This SP is called when a button is clicked on a form.

I want to set one parameter to give to the SP, but i don't know exactly how it works with VBA.

Maybe i have to declare a variable in my form and then call th SP. In fact, i don't know the syntax to realise that.

Could you give me an helping hand by giving me an example of a SP call with parameter please ?

Thanks by advance.

Nesta

"Norman Yuan" <NoAddress@xxxxxxxxxxxx> a écrit dans le message de news:

uRNGC7\$EIHA.5228@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

You must realize that "upsizing" Jet database (access dabatase) to SQL Server is converting one database system into another different database. Due to the difference btewwen the two, not everything is convertable without changes. The easy part is transferring data into corresponding tables. But queries are different stories.

Firstly, there is no exact equivalent query object in SQL Server to MDB's query. In SQL Server, there are Views, Stored Procedures, UDFs. Most likely, the wizard converts MDB queries to Viwes or SP, if the queries are convertiable. (if the query contains VBA function, then it will probably not convertible, because SQL Server does not use VBA function in View,SP,UDF).

Secondly, even some queries are converted, you still need to examine them carefully, and may have to give them up and re-write in T-SQL to make to queries as true, efficient SQL Server Views/SPs

Also, when you decide to use MDB front-end, you can choose use MDB queries in the front end or use SQL Server side query objects (View/SP...). You make this decision based on your need to the

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performance of your application.

All in all, to use SQL Server as back end, you need to learn more about SQL Server. You cannot simply change data to different back end and expect your application work as efficient as it should. SQL Server is very powerful server software, whether you use MDB, ADP or anything else to access data from it, you MUST learn how to use it and almost for sure you need to learn another programming environment (T-SQL).

"el zorro" <elzorro@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:EDA7D600-99F2-48DD-A822-0228116C17AF@xxxxxxxxxxxxxxxxxxxx

I am currently experimenting with upsizing a front end/back end Access 2000 database and have found that keeping the front end an mdb with the back end converted to SQL Server 2000 results in excruciatingly SLOW execution speeds for the queries. As I understand it, this is because the queries (about 50 of 'em) are being executed on each workstation, not the server. Some of these queries are pretty complex, but they are essential for most, if not all, of the reports and forms to function correctly.

So I am now testing upsizing to an adp file. Only about half of the queries made the migration successfully, but preliminary testing of the functions that do work indicates that the adp approach will result in much faster response times for the user.

HOWEVER, I am concerned about the posts that are suggesting Microsoft

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is
dropping support for adp. One of the reasons
I have been asked by the
Powers
That Be to upgrade the database is to allow
for future growth. I'm not
sure I
can claim that adp is the future. Are there
any alternatives to adp
that will
allow me to put the queries on the server
without having to learn a
completely new programming environment,
and which will enjoy future
support?
THanks!

"Norman Yuan" wrote:

"Nesta"

<nestaman@xxxxxxxxxxxx>

wrote in message

news:u91MJpnEIHA.748@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hi Norman,

Thank you
very much
for your
response.
I understand
how things
work better
now.
Because i'm
used to
work with
mdb files, it
was
difficult for
me to
understand
that ADP
files are just
an interface
that is not
directly
connected
with

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databases,
like it is in
mdb (for
example,
the
queries).
The reason
why i got
interested
into ADP
files is that
i'm trying to
find
the best way
(with less
changes to
do ans
without
great
changes in
interfaces)
to convert
my mdb
into SQL.
But, as you
say ADP is
dying,
maybe this
way is
wrong.
I know i can
convert my
tables and
stuff into
SQL and
still use
mdb
interface
(by
changing
the link of
the bases),
but if i want
to

Yes, the is what MS
recommended: use MDB
front end agianst SQL
Server

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back
end, rather than ADP.
And yes, you need to use
ODBC to link tables in SQL
Server database.
Whether
you use ADP or MDB, you
need to set up connection to
SQL Server
database
anyway. For ADP, the
connection setup is just
marginally easier than
MDB.

redistribute
my
application,
i will have
to create the
dbo
connection
on
every
computers,
isn't it ?
Do you
have a
better
solution ?

Thanks by
advance.

Nesta

"Norman
Yuan"
<NoAddress@xxxxxxxxxxxx>
a écrit dans
le message
de
news:
%23Xr2UEcEIHA.3332@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

ADP
file,
not
like

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MDB,
does
not
contains
query.
The
queries
you
see
in
ADP
file
are
SQL
Server
objects
(Views,
Stored
Procedures
and
UDFs...).
When
converting,
the
queries
in
MDB
may
or
may
not
be
converted
to
corresponding
SQL
Server
objects,
depending
on
what
is
in
the
mdb
queries.
In
your
case,
your
query

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was
converted
as
stored
procedure,
which
sits
in
SQL
Server
back
end,
and
has
no
knowledge
of
your
ADP
front
end
(and
it
should
not
be
tied
to
any
specific
front
end
at
all),
so
the
conversion
smartly
enough
to
a
stored
procedure
and
converted
the
two
required
inputs
as
input

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parameters.
Now,
when
you
call
this
stored
procedure
in
an
front
end
application,
such
as
ADP
file
using
it
as
a
form's
data
source,
you
need
to
get
user
input
and
pass
the
input
as
the
stored
procedure's
parameters.

If
you
already
have
an
Access
application
done
in
MDB
file,

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the
better
approach
would
be
to
only
convert
data
back
end
to
SQL
Server,
and
still
use
your
MDB
front
end,
with
possible
minor
modification.
After
all,
ADP
type
of
application
is
dying.

"Nesta"
<nestaman@xxxxxxxxxxxx>
wrote
in
message
news:ul6lgVaEIHA.3916@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hi
all,

I'm
testing
migration
from
Access
database

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to
ADP
Project.
I
have
this
query
with
criteria
of
selection
is
the
value
of
a
textbox,
in
a
form.
In
my
mdb
database,
the
syntax
was
like
:
[Forms]![F_MyForm]![MyTextBox].

In
my
ADP
project,
i
have
noticed
these
changes
:
–
my
query
was
transformed
into
a
function
;
–

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the
syntax
ro
reach
the
value
of
my
TextBox
has
changed
(and
obviously
does
not
work)
:
=
@Forms_F_MyForm_MyTextBox.

1)
How
to
find
the
good
syntax
?
2)
Where
can
I
find
ressources
on
ADP
syntax
?

Thanks
by
advance
!

Nesta

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