

Re: Run action query in back-end from front-end database

Source:

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.externaldata/2006-12/msg00209.html>

- *From:* Adam <Adam@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Wed, 20 Dec 2006 05:16:00 -0800
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Doug,

Thank you for your help. I am currently using an ADO connection. Is there an advantage to using a DAO over and ADO?

To clarify:

I have users who use excel uploads to input their financial forecasts into the database, text files downloaded from SAP, .dbf files from COGNOS, and whatnot in the back end database. The queries are housed in the back end because the calculating and manipulating of this data is done using a few hundred queries (complicated process). I don't want to reference foreign tables with each action/union/select query.

The reason I have the upload tables in the back end is that it will be on one server which everyone will be able to access, but the upload files will be on a server that only the User (modify data) group will be able to access. I could disconnect the tables based upon their security level, but it is easier with the tables and queries located in the back end.

Thank you once again for all your help!

"Douglas J. Steele" wrote:

"Does not work" doesn't give much to go on...

Rick's code uses DAO, and Access 2000 doesn't have a reference set by default to DAO.

With any code module open, select Tools | References from the menu bar, scroll through the list of available references until you find the one for Microsoft DAO 3.6 Object Library, and select it. If you're not going to be using ADO, uncheck the reference to Microsoft ActiveX Data Objects 2.1 Library

If you have both references, you'll find that you'll need to "disambiguate"

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certain declarations, because objects with the same names exist in the 2 models. For example, to ensure that you get a DAO recordset, you'll need to use Dim rsCurr as DAO.Recordset (to guarantee an ADO recordset, you'd use Dim rsCurr As ADODB.Recordset)

The list of objects with the same names in the 2 models is Connection, Error, Errors, Field, Fields, Parameter, Parameters, Property, Properties and Recordset

I can understand not wanting "upload tables" (whatever they are) in the front-end database, but what does that have to do with where the queries are located? (If by "upload tables" you're talking about temporary tables, consider putting them in a temporary database. Tony Toews has an example at <http://www.granite.ab.ca/access/temptables.htm>)

—
Doug Steele, Microsoft Access MVP
<http://I.Am/DougSteele>
(no private e-mails, please)

"Adam" <Adam@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
<news:3FC84E53-A859-4C32-AB8C-539822A9806B@xxxxxxxxxxxxxxxxxxxx>

Rick,

Thank you for your prompt response. The OpenDatabase function did not work.
I am using Access 2000. Will this make a difference?

The reason I have many queries in the back end database is because it does many financial calculations (taking raw text files/ODBC connections/Excel upload files/etc., converting to proper format, then converting to Euro, then splitting into different views, etc.). I don't want to have all of these queries and upload tables in the front end database.

Thank you once again for your help.

Adam

"Rick Brandt" wrote:

Adam wrote:

I have a back-end database that has many linked tables and queries to update my raw data and then make report tables. Is there any way to call action queries in the back-end from the

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front-end using VBA? I
will want to run certain queries based upon
form choices.

Access queries are always executed on the local PC so there
is no reason
to
store them in the back end (which should strictly have
tables).

You could open the BE database in code, and then use the
Execute method
of
the database object to run a QueryDef that is stored in that
file...

```
Dim db as Database
Dim qry as QueryDef
Set db = OpenDatabase("Path to BE file")
Set qry = db.QueryDefs("NameOfQuery")
db.Execute qry, dbFailOnError
```

...BUT, this would be exactly the same result as having the
query stored
in
the front end file and just running it against the links.

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Rick Brandt, Microsoft Access MVP
Email (as appropriate) to...
RBrandt at Hunter dot com