

RE: Access to Access Automatic Updates

Source:

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.externaldata/2007-08/msg00214.html>

- *From:* J Streger <JStreger@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 28 Aug 2007 11:10:02 -0700
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Thank you very much. :) I think I Understand what I need to do. Now I just need to figure out how to write an append query to determine which records do not exist in the internal DB compared to the External one, when 4 columns are needed to establish a primary key. But I'll ask that in the correct forum.

—

J Streger
MS Office Master 2000 ed.
MS Project White Belt 2003

User of MS Office 2003

"Klatuu" wrote:

If you are familiar with SQL, you could use an Append Query to move the data between the tables.

The concept of Linking tables is pretty straight forward. Since this will be a stand alone application, you can just link the tables from both databases. From the Access menu, it is just Files, Get External Data, Link. Then navigate to the database from the File Open dialog and open it. You will get a tabbed dialog. Select tables, and select the file or files you want from that mdb. You will need to do it for mdb that has tables you need to include. The links are presistent, so each time you open the app, it will link to the mdbs.

In your form Timer event, use the CurrrentDb.Execute method to preform the Append.

Now, with Access, there is no Server side code. Access is not true Client Server, it is actually File Server. That is, all code runs on the client. The mdbs containing data on the server are opened and manipulated from the Client.

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Dave Hargis, Microsoft Access MVP

"J Streger" wrote:

Initially I was thinking of writing code in C# to maintain the two databases. I will be pruning the records from the 3rd party DB at regular intervals, and this pruning needs to flow down to the internal DB. I'm not really comfortable with DB management, although I know basics. So the code I speak of is my original idea of using C# to update the two DB's, but Access probably has this minute update feature that I can utilize, only issue is the tables are not the same.

I can link the table from the external DB to my DB, but from there I am confused how I synch that data into my table. I can't add columns to the linked table. Obviously it will probably be better to use Access' functions rather than writing one of my own, but I know how to do the latter, not the former.

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J Streger
MS Office Master 2000 ed.
MS Project White Belt 2003

User of MS Office 2003

"Klatuu" wrote:

What do you mean by "database maintenance code"?
Your theory is essential correct. I guess you have it figured out how determine which records are new.

--
Dave Hargis, Microsoft Access MVP

"J Streger" wrote:

Essentially I want to synch a table from one DB to a table in another. The external DB will get queried every minute to

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refresh the internal DB table.
The records are static. Once added to the external DB by another program, they do not change. So all I need to do, is grab any new records from the external DB and add them to my new table. This would be a server side function that is running 24/7 and will also perform maintenance on the DB's. (once I get the link up, maintenance code will be easy)

Understand that I am writing a C# application where each client will be doing queries on the DB every minute. They are not interacting with any forms/macros/other Access pieces other than querying/updating a table. That code is already written and working, but I need the database maintenance code.

So the way I see it, I link the tables, and write a script to run every minute and update the link in access. And that should pull the new records, correct?

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J Streger
MS Office Master 2000 ed.
MS Project White Belt 2003

User of MS Office 2003

"Klatuu" wrote:

You did not describe how you will know what data has changed in the external mdb that needs to be updated, so I will leave it up to you. As to the how, it is not that difficult.

You describe the external mdb as being data only.

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That leads me to believe your mdb is not split. It should be. An mdb that contains data should contain data only. Do some research on splitting your database. It is the correct way to configure it.

Here are the things you need to do.

Link the tables in the external mdb to your application.

If you have a form that stays open as long as your application is open, use it for the updates. If not, you will need to create a form that opens on startup and remains open as long as the application is running. You can hide the form.

Use the form's timer event to perform the updates.

Set the form's timer interval to 60000. That is one minute.

The Timer event will fire once per minute and execute your update code.

The only issue you have is that if your application is a multi user application, you don't want this running on every user's computer. You may want to create a stand alone app that runs only one computer. Use the same technique. Just link to all the tables involved regardless of what mdb they are in.

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Dave Hargis, Microsoft
Access MVP

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"J Streger" wrote:

I have a question regarding getting two access databases to talk to one another. This is a situation where I am getting data from a table in an access database, but the database is being used strictly for data storage purposes. The table has no primary key listed and the columns are either text or number formatted, even dates. The database is one generated by a 3rd party program, so modifying it is not something we want to do, as if the program ever changes

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their
database
format, we
don't want
to have to
re-code
everything.

So I created
a new
access
database,
and a table
that
contains
most of the
info from
the 3rd
party one,
but adds
two
columns to
denote what
we have
done with
the
information
that are not
in the 3rd
party
database.
Now
I can write a
C# script to
update my
DB with the
info from
the 3rd
party one,
but I wanted
to know if
there is an
automatic
way built
into Access
that is
easier than
reinventing
the wheel.
Also the
information

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needs to be
updated
every
minute
(between
the two
DB's)

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J Streger
MS Office
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