

## Re: How to Mimic Access' Externally Linked Tables using ADO?

**Source:** <http://www.tech-archive.net/Archive/Data/microsoft.public.data.ado/2005-01/0332.html>

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**From:** Brendan Reynolds (*brenreyn*)

**Date:** 01/25/05

Date: Tue, 25 Jan 2005 10:21:05 -0000

There's an example of how to programmatically relink ODBC-linked tables at the URL below that you may be able to adapt. It uses DAO, but I expect it could be modified to use ADO/ADOX if necessary. I can't comment on SQL Server linked tables as I have no experience in that area.

<http://www.mvps.org/access/tables/tbl0010.htm>

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Brendan Reynolds (MVP)

<http://brenreyn.blogspot.com>

The spammers and script-kiddies have succeeded in making it impossible for me to use a real e-mail address in public newsgroups. E-mail replies to this post will be deleted without being read. Any e-mail claiming to be from brenreyn at indigo dot ie that is not digitally signed by me with a GlobalSign digital certificate is a forgery and should be deleted without being read. Follow-up questions should in general be posted to the newsgroup, but if you have a good reason to send me e-mail, you'll find a useable e-mail address at the URL above.

"Shawn B" <ext.news.1@bdenim.ca> wrote in message  
news:U6gJd.161527\$61.143792@pd7tw2no...

> Thanks again,

>

> If I were to go the MS Access Wrapper route, is it possible to define the  
> linkage to the external DBMS using ADO or ADOX or some other library  
> (Jet?)?

>

> Bill Vaughn in his parallel reply also suggests using the same strategy  
> using SQL Server for efficiency reasons. The problem with SQL Server is  
> that we do not have an accessible instance of SQL Server, however so this  
> route is slightly more problematic. Same questions though: can I set the  
> connection up programmatically using ADO or ADOX or some SQL Server API?

>

> The hope here is that I can place the connect information into my  
> application's configuration and let the application set up the connection  
> through my MS Access "wrapper". This would make the connection  
> configuration consistent (wow, lots of co\* words) with how "normal"  
> connections are made.

>

> Your other comment on heterogenous JOINS is true. I will in effect be  
> doing such a thing. If it turns out to be inefficient though, I would  
> likely perform an INSERT INTO statement into a more efficient data store  
> before doing the JOIN. So if nothing else works, I need only an efficient  
> SELECT \* FROM.

microsoft.public.data.ado: Re: How to Mimic Access' Externally Linked Tables using ADO?

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>  
> Thanks,  
>  
> Shawn.  
>  
>  
> "Brendan Reynolds" <brenreyn at indigo dot ie> wrote in message  
> news:%23ydGM1bAFHA.2076@TK2MSFTNGP15.phx.gbl...  
>> I've used linked tables like this when I needed to create queries joining  
>> tables from multiple Jet databases, and it works well in that scenario.  
>> But it sounds as though you're going to be creating queries joining  
>> tables from heterogeneous data sources? You might be joining an  
>> ODBC-linked Oracle table to an ODBC-linked DB2 table? If so, I'm afraid  
>> in my experience Jet queries joining tables from heterogeneous data  
>> sources like this tend to be slow. By all means test the idea to find out  
>> whether it might be faster than the current record-by-record approach,  
>> but I wouldn't put too much faith in it until you've tested it under  
>> realistic conditions.  
>>  
>> --  
>> Brendan Reynolds (MVP)  
>> <http://brenreyn.blogspot.com>  
>>  
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>> a useable e-mail address at the URL above.  
>>  
>>  
>> "Shawn B" <ext.news.1@bdenim.ca> wrote in message  
>> news:n2YId.154222\$81.21752@pd7twlno...  
>>> Thanks for the reply Bill,  
>>>  
>>> My problem is that I have an application that requires access to a  
>>> number of different DBMS's. The type and structure of the data coming  
>>> is not necessarily known ahead of time depending on the source of the  
>>> data - sometimes it is Oracle, DB2, Text, Excel and who knows what. The  
>>> nice thing about ADO, is that it provides a nice means to get at various  
>>> kinds of data in a relatively uniform way.  
>>>  
>>> The application I need to modify, as is often the case, started out as  
>>> something small and morphed into this fancy-dandy utility as new  
>>> requirements arose. However the problem now is that some of the data we  
>>> are receiving is large and the application transfers data row by row.  
>>> If we could transfer, as Access does, in a query through ADO, things  
>>> would go much quicker.  
>>>  
>>> I know we can cobble this up using an MS Access "wrapper" around the  
>>> data and linking to the source and destination DBMSs, but this strikes  
>>> me as inelegant if there is a corresponding means within ADO. By your  
>>> response, I imagine I am destined to go my "inelegant" route.  
>>>  
>>> Thanks again,  
>>>  
>>> Shawn.  
>>>

