

Re: Copying Tables

Source:

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.formscoding/2007-09/msg00431.html>

- *From:* DS <bootybox@xxxxxxxxxxxxxx>
 - *Date:* Sun, 09 Sep 2007 20:44:22 -0500
-

Bob Quintal wrote:

DS <bootybox@xxxxxxxxxxxxxx> wrote in
[news:6O%Ei.615\\$8R4.525@xxxxxxxxxxxxxx](news:6O%Ei.615$8R4.525@xxxxxxxxxxxxxx):

Bob Quintal wrote:

DS <bootybox@xxxxxxxxxxxxxx> wrote in
[news:F3JEi.260\\$Y%7.21@xxxxxxxxxxxxxx](news:F3JEi.260$Y%7.21@xxxxxxxxxxxxxx):

Bob Quintal wrote:

DS
<bootybox@xxxxxxxxxxxxxx>
wrote in
[news:ROCEi.85\\$Y%7.6@xxxxxxxxxxxxxx](news:ROCEi.85$Y%7.6@xxxxxxxxxxxxxx):

Bob Quintal
wrote:

DS
<bootybox@xxxxxxxxxxxxxx>

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wrote
in
[news:OoxEi.243\\$em3.241@xxxxxxxxxxxxx](mailto:news:OoxEi.243$em3.241@xxxxxxxxxxxxx):

I
have
a
question.
My
database
is
split.
I
want
a
backup
copy
of
my
tables
in
another
database
on
a
different
machine.
Should
I
use
transferdatabase
to
get
the
info
into
the
backup
copy
or
should
I
link
the
backup
copy

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tables
to
the
original
database?
What
happens
if
the
original
databse
gets
corrupted?
Can
I
get
the
table
info
into
the
original
databse
easily?
Any
help
appreciated,
I'm
still
a
little
confused
on
this
issue.
Thanks
DS

The
best
answer
to
that
is
neither
transferdatabase
nor
linking
is

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a
real
backup
solution.
Simply
exit
the
application
and
copy
the
back
end
to
your
archive
area
using
Windows.

I
prefer
to
also
rename
the
file
to
add
a
timestamp
in
the
filename,
so
that
you
can
keep
last
night's
backup,
and
the
night
before,
and
before.
Often
corruption
will

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only
manifest
itself
several
days
after
occurrence.

If
your
primary
backup
gets
trashed,
you
simply
copy
the
most
recent
uncorrupted
backup
from
the
archive
over
the
corrupt
.mdb

Thanks
Bob,
So that is
interesting.
"Corruption
will only
manifest
itself
several days
after
occurrence."
I never
knew that.
So you can
be in truth
operating
with a
corrupt
database. I'd

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like to
know more
about
corruption.

Example: you have a record
get corrupted on tuesday,
and it only
gets detected when you run
the weekly report on Friday
There are
differing levels of
corruption, some created by
a glitch in the computer,
others are created by a user
setting the wrong date
into a record.

The
suggestion
you gave is
a good one,
but the
problem is
that I
want a
transaction
by
transaction
copy of my
database so
that I
can return
to where I
was before
this
happened.
So, what
options are
there?
Thanks
DS

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You're dealing with Access here, don't be too picky. If you have a truly mission-critical application, you should use a dbms with journalling, and automatic mirroring. These are a lot more expensive than Access.

I'm not denigrating Access here, I believe that MS-Access is the best you can buy in its price range, and better than much in higher ranges. I'm just stating that it is not always the best solution.

I'm sure your right, but at this point I really like Access a lot and I don't have the time at this time to learn another application. Most people seem to be using VB6 with an Access back-end. So it looks like they aren't using te better stuff either. I would at some point like to use a true client/server but I heard the downside is that it needs a lot of maintance, which my clients aren't prepared to do. So in the meantime I'm trying to paste something together to protect the data up to the last transaction. Thanks
DS

You could link to two back ends and use unbound forms for all inserts and edits, writing the data to each back end in a separate SQL statement. But that will only give you redundancy of the records, not an audit trail.

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You could set up an audit trail back end, logging every edit of each field, with a date/time stamp added
<http://www.myps.org/access/modules/mdl0021.htm>
<http://allenbrowne.com/AppAudit.html>

How many transactions do you project being made daily?

About 100 to 150 transactions. Actually I'm leaning or can I say inching towards that. I guess that's what I mean by redundancy. I don't need an audit trail, although I will look into what you suggested. Always willing to learn. My only concern is with linking, that means the network connection will always be open if the back-end is on a separate machine. Will it leave me open to corruption? Should I link then unlink on each transaction? Will that be really slow? Thanks for your input.
DS

Opening and closing connections is very slow across a network. Corruption by the network is not usually a problem, most often corruption is caused by user error. (exiting by task manager, typing illegal character strings, pressing the DELETE key 7,000 times in a row, etc)

So, it looks like I'll just link the tables. Since the user is not typing anything in, just picking from list I should be fairly safe...so they will be using a touch screen, no keyboard!

Thanks

DS

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