

Re: Memory problem – writing to database

Source: <http://www.tech-archive.net/Archive/VB/microsoft.public.vb.general.discussion/2004-12/3095.html>

From: Paul fpvt2 (*anonymous_at_discussions.microsoft.com*)

Date: 12/25/04

Date: Fri, 24 Dec 2004 21:55:42 -0800

Thank you for your reply.

*>I don't know whether you have gone with keeping a
>connection open to execute your SP on, or opening and
>closing them, but it seems like you have got it
>sorted.*

Currently, I have the connection open in the beginning of the program and leave it open. I will try it with opening and closing them as data comes in.

*>But I think it was the recordset that was causing you so
>much grief.*

Yes, it was the recordset, because now the memory usage stays the same and it does not increase.

Thank you very much.

>-----Original Message-----

>When I say open a connection every time and close it when you are done with

*>it, I meant you to do this *aswell as* Brian's idea of using an SP, not*

>instead of.

>I don't know whether you have gone with keeping a connection open to execute

>your SP on, or opening and closing them, but it seems like you have got it

>sorted.

>But I think it was the recordset that was causing you so much grief. I

>always tend to shy away from dynamic updateable recordsets, especially when

>they're got from a "select" statement rather than table-direct. The SP makes

>sense though as it means SQL server doesn't have to keep parsing INSERT

>statements, which offers much more of a performance gain in this situation

>where you have a lot of frequent operations as opposed

to one long one.

>

> "Paul fpvt2" <Paulfpvt2@discussions.microsoft.com> wrote
in message

> news:6E76464C-E175-4F76-B4CF-
8A75B0E0E562@microsoft.com...

>> Thank you.

>>> which is to open a new connection for every new piece
of

>>> data, and importantly, make sure you close it as soon
as the data is

>>> inserted.

>> Does not opening and closing db connection slow down
the program ? Does it

>> take a lot of resource to keep opening and closing the
db connection ?

>>

>> "Bonj" wrote:

>>

>>> > If I do not have the recordset open all the time, I
will need to query

>>> > the

>>> > database again to add a new record. I do not want
to do this, because

>>> > it

>>> > will

>>> > take a long time to query the database (the db can
have up to 10

>>> > million

>>> > records).

>>>

>>> Don't use a recordset to add new data. Instead, fire
off an "INSERT"

>>> statement.

>>>

>>> > I have to keep the connection open all the time also

>>>

>>> You don't.

>>>

>>> > , because data is coming

>>> > in every milliseconds, and as the data comes in, I
need to write all of

>>> > them

>>> > to the database.

>>>

>>> Try my suggestion – which is to open a new connection
for every new piece

>>> of

>>> data, and importantly, make sure you close it as soon
as the data is

>>> inserted. The connection should be opened as late as

possible and closed

>>> *as*

>>> *soon as possible.*

>>>

>>>

>>>

>

>

>.

>