

## Re: DBD::Sybase and auto commit

**Source:** <http://coding.derkeiler.com/Archive/Perl/perl.dbi.users/2004-07/0154.html>

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**From:** Michael Pepler ([mpepler\\_at\\_pepler.org](mailto:mpepler_at_pepler.org))

**Date:** 07/15/04

To: [dbi-users@perl.org](mailto:dbi-users@perl.org)

Date: Thu, 15 Jul 2004 08:32:41 +0200

On Thu, 2004-07-15 at 01:26, Matthew O. Persico wrote:

> On Wed, 14 Jul 2004 08:18:27 +0200, Michael Pepler typed:

>> On Wed, 2004-07-14 at 02:46, Matthew O. Persico wrote:

>>> *the \$sth at prepare time and used as such at execution time,*

>>> *regardless of what the \$dbh value is set to?*

>> *The first thing you can do in your stored proc is to use a*

>> *savepoint -*

>> *that should fix the immediate problem.*

>> *Something like:*

>> *create proc foo*

>> *..*

>> *begin tran*

>> *save tran foo\_tran*

>> *..*

>> *if @@error*

>> *begin*

>> *rollback tran foo\_tran*

>> *commit tran*

>> *return some\_error\_value*

>> *end*

>> *commit tran foo\_tran*

>> *would probably work, and would be sure to rollback only the code in*

>> *the*

>> *proc, and not the rest of the transaction.*

>

> *Hmm. I don't quite understand it, but I'll read the docs and then try it.*

It's a standard way of handling nested transactions, so that a commit/rollback only goes to the previous savepoint, not to the outermost transaction.

>> *That being said, DBD::Sybase supports two AutoCommit "off" modes.*

>> *One*

>> *using explicit transactions, and the other using "chained" mode. In*

>> *the*

>> *"chained" mode we let the server start the implicit transaction as*

perl.dbi.users: Re: DBD::Sybase and auto commit

> > *needed, and that's the mode that \*should\* be the default for*  
> > *DBD::Sybase*  
> > *(but hasn't been up to now, for various reasons). I will probably*  
> > *change*  
> > *that in an upcoming release.*  
>  
> *Wow, that's going to require a boat-load of testing, isn't it? Will*  
> *there be a way to change the default at installation time back to the*  
> *way it was?*

Yes, although I don't think that it should make any *\*real\** difference.

Michael

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