

# Sybase ASE through DBD::ADO: Problem calling proc with param

---

*Source:* <http://coding.derkeiler.com/Archive/Perl/perl.dbi.users/2005-07/msg00122.html>

---

- *From:* [Philip.Zembrod@xxxxxx](mailto:Philip.Zembrod@xxxxxx) (Philip Zembrod)
  - *Date:* Fri, 15 Jul 2005 19:42:27 +0200
- 

Hello,

I am having trouble calling any stored procedure with a parameter through DBI and DBD::ADO on a Sybase Adaptive Server Enterprise.

What I would finally like to do is call a stored proc with an output parameter through OLE DB. But as yet I can't even call a procedure with an input parameter.

I basically get the following error message:

```
> OLE exception from "ASE OLE DB Provider":  
>  
> No value given for one or more required parameters  
>  
> Win32::OLE(0.1701) error 0x80040e10  
> in METHOD/PROPERTYGET "Execute" at q:/run/site/lib/DBD/ADO.pm line 1073  
> DBD::ADO::st execute failed: Can't Execute Command 'exec sp_help @objname = ?'
```

I'll paste the script causing this error at the end of this mail.

If you change \$ado from 1 to 0 then the script will use DBD::Sybase instead and all is fine.

I have user DBI\_TRACE with high levels. I get this message from the ASE OLE DB Provider:

```
"The provider cannot derive parameter info and SetParameterInfo has not been called"  
Later I see: Parameter: Name => 0 Type => 200 Direction => 1 Size => 1  
Type and Direction seem ok, Name and Size maybe not so.  
(Trying $sth->{ado_comm}->Parameters->Item(0)->{Name} = '@objname';  
just resulted in "Der Vorgang ist in diesem Zusammenhang nicht zugelassen.",  
meaning this action is not permitted in this context.)
```

I am quite lost now and would appreciate any help. Am I missing something, or did I encounter a bug in the OLE DB provider?

My environment is:

```
WinXP SP1 (german)  
ActivePerl 5.8.2 build 808  
DBI 1.49
```

## Sybase ASE through DBD::ADO: Problem calling proc with param

DBD::ADO 2.94  
DBD::Sybase 1.04.12  
Sybase ASE OLE DB Provider 2.70.0.24  
Sybase ASE 12.5.3

Thanks in advance  
Philip

And now comes the script:

```
-----  
use strict;  
use DBI;  
  
my $server = '<server>';  
my $user = '<user>';  
my $passwd = '<passwd>';  
  
my $ado = 1;  
  
my $stConnect = $ado ? 'dbi:ADO:Provider=Sybase ASE OLE DB Provider;Data source='  
: 'dbi:Sybase:server=';  
my $stVal = 'sysobjects';  
  
my $dbh = DBI->connect($stConnect . $server, $user, $passwd ,{RaiseError => 1, PrintError => 0,  
Warn=>1});  
my $sth = $dbh->prepare('exec sp_help @objname = ?', {CommandType=>'adCmdStoredProc'}) or confess  
$dbh->errstr();  
my $rc = $sth->bind_param(1, $stVal, {TYPE=>DBI::SQL_VARCHAR()}) or confess $sth->errstr();  
$sth->execute();  
DBI::dump_results($sth);  
$sth->finish;
```

- 
- **Follow-Ups:**
    - ◆ **Re: Sybase ASE through DBD::ADO: Problem calling proc with param**  
◇ From: Steffen Goeldner
  - Prev by Date: **Looking for advice on upgrade**
  - Next by Date: **Problem compiling Perl code from Linux machine**
  - Previous by thread: **Looking for advice on upgrade**
  - Next by thread: **Re: Sybase ASE through DBD::ADO: Problem calling proc with param**
  - Index(es):
    - ◆ **Date**
    - ◆ **Thread**