

Re: Passing Ado Recordsets between methods

Source:

<http://coding.derkeiler.com/Archive/Delphi/borland.public.delphi.database.ado/2005-07/msg00209.html>

- From: "Vitali Kalinin" <vitkalinin@xxxxxxxxxx>
 - Date: Thu, 21 Jul 2005 18:54:40 +0300
-

"John Faris" <johnfaris@xxxxxxxxxx> ÓĪĀÝÉĪ/ÓĪĀÝÉĪĀ × ĪĪ×ĪÓŃÈ ÓĪĀŌÀÝĀĀ:
[news:42dfc144\\$1@xx](mailto:news:42dfc144$1@xx)

>

> Hi all.

>

> I have been fighting this one for some time. I am trying to pass an Ado recordset between two methods in a COM+ object. The recordset is created by opening a TAdoStoredProc which is created dynamically within one of the methods and calls an SQL Server stored procedure.

>

> It all seems to work apart from the fact that when the method that called the sp executing method gets the recordset back it is in a closed state. Hopefully the following simplified code will help make my problem clearer. Any help would be great as I am stumped!

>

> TIA .

>

> procedure TMyClass.Method1;

> var

> RecSet: RecordSet20;

> begin

> GetRecSet(RecSet);

> // RecSet is closed here! WHY?????

> end;

>

> procedure TMyClass.GetRecSet(out Recset: RecordSet20);

> var

> SP: TAdoStoredProc;

> CONN: TAdoConnection;

> begin

> CONN := TAdoConnection.Create(nil);

> try

> CONN.ConnectionString := 'MyConnectionString';

> CONN.CursorLocation := clUseServer;

> CONN.LoginPrompt := False;

> CONN.Open;

> SP := TAdoStoredProc.Create(nil);

> try

Re: Passing Ado Recordsets between methods

```
> SP.Connection := CONN;
> SP.LockType := ltReadOnly;
> SP.CursorType := ctStatic;
> SP.CursorLocation := clUseClient;
> SP.ProcedureName := 'MyProcName';
> SP.Open;
> //copy the recordset into our output parameter
> Recset := SP.Recordset.Clone(adLockUnspecified);
> //RecSet is open here!
> finally
> SP.Free;
> end;
> finally
> CONN.free;
> end;
> end;
>
```

As soon as you are closing connection (which is implemented inside TADOConnection.Destroy) all connected Recordsets (and it's clones) became closed. So if you want them to be Active you should disconnect the first.

Regards,
Vitali

• *Follow-Ups:*

- ◆ [**Re: Passing Ado Recordsets between methods**](#)

- ◆ *From:* John Faris

• *References:*

- ◆ [**Passing Ado Recordsets between methods**](#)

- ◆ *From:* John Faris

- Prev by Date: [**Re: Arguments are of the wrong type, are out of acceptable range or are in conflict with one another**](#)

- Next by Date: [**PostgreSQL BLOB**](#)

- Previous by thread: [**Passing Ado Recordsets between methods**](#)

- Next by thread: [**Re: Passing Ado Recordsets between methods**](#)

- Index(es):

- ◆ [**Date**](#)

- ◆ [**Thread**](#)