
Subject: Re: database access using JAVA or COM
Posted by [Paul\[2\]](#) on Tue, 15 Aug 2006 13:33:44 GMT
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Rick Towler wrote:

> Rick Towler wrote:

>> Has anyone made any database connectivity tools publicly available? I
>> know that Mike Wallace has done a lot of work with the IDL-Java bridge
>> and JDBC but I don't think he has released anything. I have worked with
>> the ADODB COM object and plan to experiment with it in IDL this
>> afternoon but ideally someone will have already done this :)

>

>

> An update:

>

> IDLcomIDispatch seems to still suffer from partialimplementationitus.
> Certain methods work and certain properties are accessible, but other
> properties and methods don't work and fail with unspecified errors.

>

>

> cstring='Provider=OraOLEDB.Oracle;Data Source=somedb;User ' + \$

> 'Id=user;Password=pass'

> db = OBJ_NEW('IDLcomIDispatch\$PROGID\$ADODB_Connection')

> db -> SetProperty, ConnectionString=cstring

> db -> Open

> db -> GetProperty, Provider=p, State=s

>

> print, p

> OraOLEDB.Oracle.1

> print, s

> 1

>

> So far so good. I was thinking I was home free...

>

> rs = OBJ_NEW('IDLcomIDispatch\$PROGID\$ADODB_RecordSet')

> sql = 'Select * from ship'

> rs -> Open, sql, db

>

> % IDLCOMIDISPATCH\$PROGID\$ADODB_RECORDSET::OPEN: Unable to call method
OPEN.

> <unknown system error>

>

> Humm. Here's the interface definition:

>

> [id(0x000003fe), helpcontext(0x0012c8d7)]

> void Open(
>

> [in, optional] VARIANT Source,
>

> [in, optional] VARIANT ActiveConnection,

> [in, optional, defaultvalue(-1)] CursorTypeEnum CursorType,
> [in, optional, defaultvalue(-1)] LockTypeEnum LockType,
> [in, optional, defaultvalue(-1)] long Options);
>
>
> O.K. How about something simpler:
>
> rs -> GetProperty, Status=s
>
> % IDLCOMIDISPATCH\$PROGID\$ADODB_RECORDSET::GETPROPERTY: Unable to access
> property STATUS.
> <unknown system error>
>
> The interface definition:
>
> [id(0x00000405), propget, helpcontext(0x0012c949)]
> long Status();
>
>
> Doesn't get much simpler than that.
>
>
> After writing a couple of wildly successful functions using COM+ADODB in
> MATLAB, I am left a bit underwhelmed with IDL's poor support for COM.
> I've been waiting for a working implementation of IDLcomIDispatch ever
> since it's release in 5.5. I must be the only one... :(
>
> -Rick

Hi Rick,

Is the ADODB a .exe, .dll or .ocx component? My guess is it's an
Application Object stored in a .exe. If so, I have a solution for you
(that will be included in the 6.4 distribution). Give me a call and
I'll tell you more - 303-402-4679.

Thanks,
-Paul
