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
    <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
```