

2147217865 Error Message Attempting to Populate a RecordSet from a DB2 Database

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I'm attempting to populate a recordset from a DB2 instance. I establish the connection with the database using a DSN as follows (I've replaced the DSN Name, username, and password with placeholders. Rest assured the appropriate data is in my actual code and this portion does work):

```
Dim db as ADODB.Connection
Dim rs as ADODB.RecordSet
```

```
Private Sub openDB()
Set db = New ADODB.Connection
db.CursorLocation = adUseServer
dbstr = "Provider=ibmdadb2; DSN=<DSNName>; UID=<username>;
PWD=<password>"
db.Open dbstr
End Sub
```

I then later attempt to build a recordset based on this connection in another function as shown below:

```
Private Function getSequence(strWRK_CDE As String, strSEQ_TYP As
String) As String
Dim querySQL As String
querySQL = "select CURRENT_NO from ICNSEQUENCES where WRK_CDE = " &
strWRK_CDE & " and SEQ_TYPE = " & strSEQ_TYP
```

```
Set rs = New ADODB.Recordset
rs.Open querySQL, db
```

```
getSequence = rs!CURRENT_NO
```

When the code executes this line:
rs.Open querySQL, db

The error message occurs, as follows:

```
Run-time error '-2147217865 (80040e37)':
[DB2/6000] SQL0204N "FNDBUSER.ICNSEQUENCES" is an undefined name.
```

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SQLSTATE=42704

I do have a problem with properly understanding inheritance so it could be a problem with the way I've scoped the variables. Please verify. Any help would be greatly appreciated.

Joshua