

# Re: Problem retrieving images from Access 2003 Binary Large Object

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*Source:*

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.modulesdaovba/2005-09/msg00825.html>

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- *From:* "69 Camaro" <[ForwardZERO\\_SPAM.To.69Camaro@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:ForwardZERO_SPAM.To.69Camaro@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Wed, 14 Sep 2005 04:32:03 -0700
- 

No. You've only fixed part of the problem. And if you store a good number of images in Jet tables, you'll eventually discover a much, much larger problem and why Access experts advise against doing so.

Good luck.

Gunny

See <http://www.Obuilt.com> for all your database needs.

See <http://www.Access.Obuilt.com> for Microsoft Access tips.

"Paul H" <[PaulH@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:PaulH@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message [news:7660DF1F-BA3F-4F58-86F6-59A49AC9111F@xxxxxxxxxxxxxxxxxxxxx](mailto:news:7660DF1F-BA3F-4F58-86F6-59A49AC9111F@xxxxxxxxxxxxxxxxxxxxx)

> Changing the strings to byte arrays has fixed the problem.

>

> Thanks

>

> --

> Paul H.

>

>

> "bob" wrote:

>

>>

>>

>> ReadBlob/WriteBlob use string functions, which causes the doubling of

>> size. Eliminate the string functions

>> and you will avoid the conversion & extra storage and will be able to

>> work with the data directly in ASP

>> as you require.

>>

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>> <http://www.ammara.com/>

>> Image Handling Components, Samples, Solutions and Info

>> DBPix 2.0 - lossless jpeg rotation, EXIF, asynchronous

Re: Problem retrieving images from Access 2003 Binary Large Object

```
>>
>>
>>
>> =?Utf-8?B?UGF1bCBI?= <PaulH@xxxxxxxxxxxxxxxxxxxxxxxx> wrote:
>> >I can write and read jpeg images to/from MS Access table BLOB fields
>> >using
>> >the ReadBlob and Write Blob functions recommended in
>> >http://support.microsoft.com/?kbid=210486, and the retrieved image can
>> >be
>> >displayed in an MS access form image field.
>> >
>> >If I connect to the Access database from an ASP page and read the BLOB
>> >field
>> >using ADO.NET functions the returned file is twice the size of the file
>> >returned when reading the BLOB field using MS Access, and it cannot be
>> >displayed.
>> >
>> >The code for reading the BLOB field is listed below and copied from
>> >http://support.microsoft.com/default.aspx?scid=kb;en-us;326502 .
>> >
>> >Can you suggest what may be causing this problem.
>> >
>> >
>> >
>> >Comparing the contents of the two jpeg files returned it appears that
>> >each
>> >byte in the original file is converted to two bytes when stored in the
>> >MS
>> >access table. If the data is read back using the MS access WriteBLOB
>> >function
>> >then each pair of bytes is correctly reconverted back to one byte with
>> >the
>> >original value.
>> >
>> >When the BLOB is read from the ASP page this does not happen. I tried
>> >removing the most significant byte of each pair of bytes and creating a
>> >file of
>> >the original size but the picture could still not be displayed.
>> >
>> >Further examination of the file contents showed that the most of the
>> >least
>> >significant bytes of each pair contained the original value but
>> >occasionally
>> >they did not and there is a value in the most significant byte.
>> >
>> ><% @ Page Language="VB" Debug="true" ContentType="text/html"
>> >ResponseEncoding="iso-8859-1" %>
>> ><% @Import Namespace="System.Data" %>
>> ><% @Import Namespace="System.IO" %>
>> ><%
>> >Dim PictureCol As Integer = 0 ' the column # of the BLOB field
```

Re: Problem retrieving images from Access 2003 Binary Large Object

```
>>>
>>>Dim cn As New OleDbConnection("provider=Microsoft.Jet.OLEDB.4.0;Data
>>>Source=C:\Inetpub\wwwroot\PaulsWebASPNet\LakeDistrictFells2000.mdb")
>>>
>>>Dim cmd As New OleDbCommand("SELECT photo FROM tblPhoto WHERE
>>>PhotoNumber=2", cn)
>>>
>>>cn.Open()
>>>
>>>Dim dr As OleDbDataReader = cmd.ExecuteReader()
>>>dr.Read()
>>>
>>>Dim b(dr.GetBytes(PictureCol, 0, Nothing, 0, Integer.MaxValue) - 1) As
>>>Byte
>>> dr.GetBytes(PictureCol, 0, b, 0, b.Length)
>>> dr.Close()
>>> cn.Close()
>>>
>>>â?~***** start of temporary code *****
>>>Dim fs As New
>>>System.IO.FileStream("C:\Inetpub\wwwroot\paulsWebaspNet\test2.jpg",
>>>IO.FileMode.Create, IO.FileAccess.Write)
>>> fs.Write(b, 0, b.Length)
>>> fs.Close()
>>>â?~***** end of temporary code *****
>>>
>>>'Response.Expires = 0
>>>'Response.Buffer = TRUE
>>>'Response.Clear
>>>'Response.ContentType = "image/jpg"
>>>'Response.BinaryWrite(b)
>>>'Response.End
>>>
>>>%>
>>>
>>>—
>>>Paul H.
>>>
>>>
```

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• **References:**

- ◆ ***Problem retrieving images from Access 2003 Binary Large Object (BL***  
    ◇ From: Paul H
- ◆ ***Re: Problem retrieving images from Access 2003 Binary Large Object (BL***  
    ◇ From: bob
- ◆ ***Re: Problem retrieving images from Access 2003 Binary Large Object***

Re: Problem retrieving images from Access 2003 Binary Large Object

◇ *From:* Paul H

- Prev by Date: ***Re: Creating temporary table in Access 2000***
- Next by Date: ***RE: Drag and Drop Switch***
- Previous by thread: ***Re: Problem retrieving images from Access 2003 Binary Large Object***
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