

Re: Is "OLE Objects" supported in .NET?

Source:

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On Mon, 21 Jun 2004 15:19:31 -0400, "Rashad Rivera"

<rashadriviera.I_HATE_SPAM@SPAM_REALLY_SUCKS.hotmail.com> wrote:

- ✘ I need to figure out how to put files like a .JPG or .DOC into a Access2000
- ✘ DB via .NET. Does the Odbc library support this functionality? If not, any
- ✘ other suggestions?

The following uses an Access OLE Object field:

```
Sub WriteBlobToAccess()  
  
    Dim SourceFilePath As String  
    SourceFilePath = "e:\My Documents\Greenstone.bmp"  
    Dim AccessConnection As New OleDbConnection("Provider=Microsoft.Jet.OLEDB.4.0;" & _  
        "Data Source=e:\My Documents\db1.mdb")  
    Dim AccessCommand As New OleDbCommand("UPDATE Table1 SET OLEField=? WHERE [record  
id] = 1",  
AccessConnection)  
    Dim FileStreamObject As New System.IO.FileStream(SourceFilePath, IO.FileMode.Open,  
IO.FileAccess.Read)  
    Dim PictureByteArray(CType(FileStreamObject.Length() - 1, Integer)) As Byte  
    FileStreamObject.Read(PictureByteArray, 0, PictureByteArray.Length)  
    FileStreamObject.Close()  
    Dim QueryParameter As New OleDbParameter("@Picture", OleDbType.LongVarBinary,  
PictureByteArray.Length, ParameterDirection.Input, False, 0, 0, Nothing, DataRowVersion.Current,  
PictureByteArray)  
    AccessCommand.Parameters.Add(QueryParameter)  
    AccessConnection.Open()  
    AccessCommand.ExecuteNonQuery()  
    AccessConnection.Close()  
  
End Sub  
  
Sub ReadBlobFromAccess()  
  
    Dim DestFilePath As String  
    Dim RecordId As String
```

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```
Dim RetVal As Long
Dim FieldLen As Int32

DestFilePath = "e:\My Documents\GreenstoneFromAccess.bmp"
Dim PictureCol As Integer = 0 ' the column # of the BLOB field
Dim AccessConnection As New OleDbConnection("Provider=Microsoft.Jet.OLEDB.4.0;" & _
    "Data Source=e:\My Documents\db1.mdb")
Dim AccessCommand As New OleDbCommand("SELECT [record ID], OLEField FROM Table1
WHERE
[record id] = 1", AccessConnection)
    AccessConnection.Open()
    Dim AccessDataReader As OleDbDataReader =
AccessCommand.ExecuteReader(CommandBehavior.SequentialAccess)
    AccessDataReader.Read()
    FieldLen = AccessDataReader.Item(1).Length
    Dim PictureByteArray(FieldLen - 1) As Byte
    Dim startIndex As Integer = 0
    RetVal = AccessDataReader.GetBytes(1, startIndex, PictureByteArray, 0,
PictureByteArray.Length)
    AccessDataReader.Close()
    AccessConnection.Close()
    Dim FileStreamObject As New System.IO.FileStream(DestFilePath, IO.FileMode.Create,
IO.FileAccess.Write)
    FileStreamObject.Write(PictureByteArray, 0, PictureByteArray.Length)
    FileStreamObject.Close()

End Sub
```

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