

## Re: Compact/Repair Access 2007 database

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*Source:*

<http://coding.derkeiler.com/Archive/Delphi/borland.public.delphi.thirdpartytools.general/2007-10/msg00778.html>

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- *From:* "Benedictum" <[dominus@xxxxxxxx](mailto:dominus@xxxxxxxx)>
  - *Date:* Tue, 30 Oct 2007 16:35:33 -0500
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check this out: <http://www.connectionstrings.com/?carrier=access2007>

"Andy" <[andy@xxxxxxxx](mailto:andy@xxxxxxxx)> wrote in message  
[news:47271e04\\$1@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:47271e04$1@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Hi Mike,

Thanks for responding and the code snippet. I tried it using the following for SProvider1:

```
SProvider1 := 'Provider=Microsoft.ACE.OLEDB.12.0;Persist Security Info=False;Jet OLEDB:Database Password=ppp;Jet OLEDB:New Database Password=ppp;Data Source=' ;
```

But it gives me the following errors:

'Multiple-step OLE DB operation generated errors. Check each OLE DB status value, if available. No work was done.'

Any idea where I went wrong?

Thanks again.

Andy

"MikeR" <[nf41NoSpam@xxxxxxxx](mailto:nf41NoSpam@xxxxxxxx)> wrote in message  
[news:47270ee2@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:47270ee2@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Andy wrote:

What component should I get to compact and repair Access 2007 databases.  
I used to use Adonis JRO to do this but it does not support .accdb 2007 files.  
Thanks in advance.

Andy

Re: Compact/Repair Access 2007 database

```
Import the type library from msjro.dll
Then
procedure TfrmLog.mnuCompactDBClick(Sender: TObject);
var
wholePath: string;
JE: TJetEngine;
begin
wholePath := WritePath + FOLDER_NAME + DBName;
if FileExists(WritePath + FOLDER_NAME + 'compacted.mdb') then
DeleteFile(WritePath + FOLDER_NAME + 'compacted.mdb');
if FileExists(wholePath) then
begin
//close the database here
JE:= TJetEngine.Create(Application);
try
try
JE.CompactDatabase(SProvider1 + wholePath, SProvider1 + WritePath
+ FOLDER_NAME + 'compacted.mdb');
except
on E:Exception do
ShowMessage(E.Message);
end;
finally
JE.FreeOnRelease;
if FileExists(WritePath + FOLDER_NAME + 'compacted.mdb') then
begin
DeleteFile(wholepath);
RenameFile(WritePath + FOLDER_NAME + 'compacted.mdb', wholepath);
// reopen the database
end;
end;
end;

Mike
```