

RE: How do I use ADO in VC++ 7.0 to get the size of the database

Source: <http://www.tech-archive.net/Archive/Data/microsoft.public.data.ado/2006-01/msg00040.html>

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 - *Date:* Fri, 13 Jan 2006 07:08:03 -0800
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I did find in my source code a code snippet doing something like this.
Most of the trick is to specify adCmdStoredProc as command parameter the command will return a record set.
And using a stored procedure to find database size I found that is the best way.
Hope it answers your question.

```
CString sConnectionString,sDBName;

try
{
    _ConnectionPtr pConn("ADODB.Connection");
    _CommandPtr pCmd("ADODB.Command");
    _RecordsetPtr pRstDBs("ADODB.Recordset");

    _variant_t vtEmpty (DISP_E_PARAMNOTFOUND, VT_ERROR);
    _variant_t vtEmpty2(DISP_E_PARAMNOTFOUND, VT_ERROR);

    //Real connection string
    sConnectionString= ;
    _bstr_t bstrConnectionString(sConnectionString);

    pConn->Open(bstrConnectionString, "", "", adConnectUnspecified);

    try
    {
        _bstr_t bstrCommand("sp_helpdb");
        pCmd->ActiveConnection = pConn;
        pCmd->CommandType = adCmdStoredProc;
        pCmd->CommandText = bstrCommand;

        pRstDBs = pCmd->Execute( &vtEmpty, &vtEmpty2,adCmdUnknown );

        if(!pRstDBs->EndOfFile||!pRstDBs->BOF)
        {
```

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```
for(;!pRstDBs->EndOfFile;pRstDBs->MoveNext())
{
sDBName=(V_BSTR(&pRstDBs->Fields->GetItem( _variant_t( 0L ) )->Value));
}
}

pRstDBs->Close();

}
catch(_com_error &Err)
{
pConn->Close();
}

pConn->Close();
```

"Kjell Arne Johansen" wrote:

> How do I use ADO in VC++ 7.0 to get the size of the database.
> I know that sp_helpdb <database> returns size information.
> But how do I retrieve this information in my code?
>
> In my code I'm using _ConnectionPtr to execute commands,
> e.g. m_pConnection->Execute("EXEC procDoSomething", NULL, adExecuteNoRecords);
>
> Can I use m_pConnection to get the return value from a "sp_helpdb
> <database>" command?
>
> Are there other ways to retrieve the database size in Visual C++ using ADO?
>
> Regards
> Kjell Arne Johansen
>
> .

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