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BdLm :: 24.10.2009



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24.10.2009 - c6

create a new database // ZEOS & MSSQL

found the solution below to create a Direbird database at run time, how look the solution for MSSQL ?
(ZEOS + MSSQL)

```
1 ZConnection1.Database := 'd:\db1.fdb';
2   ZConnection1.Protocol := 'firebird-1.5';
3   ZConnection1.Properties.Add ('CreateNewDatabase=CREATE DATABASE ' +
4     QuotedStr ('d:\db1.fdb') + ' USER ' +
5     QuotedStr ('sysdba') + ' PASSWORD ' + QuotedStr ('masterkey') +
6     ' PAGE_SIZE 4096 DEFAULT CHARACTER SET ISO8859_1');
7   ZConnection1.Connect;
8   :
9
```

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 senad 

25.10.2009 - BC



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this code still fails using ZConnection , but I would like to use that ZConnection

```
01procedure TEvalZEOSForm.CreateNewDB_ButtonClick(Sender: TObject);
02var   DatabaseStr   : String;
03      Paramstr      : String;
04begin
05   DatabaseStr := Format ('Provider=SQLOLEDB.1;Integrated
Security=SSPI;Persist Security Info=False;Initial Catalog=%s; Data
Source=%S', [Edit1.text, Edit2.text]);
06
07   MSSQL_ZConnection.Database := DatabaseStr;
```

```

08  MSSQL_ZConnection.Protocol := 'ado';
09
10
11  Paramstr := 'CreateNewDatabase=CREATE DATABASE ' + Edit1.Text + ' ON
, '+
12      Format ('( NAME = %s_dat , ', [Edit1.text]) +
13      ' FILENAME = ' +
14      QuotedStr ( Format('C:\Program Files\Microsoft SQL
Server\MSSQL.1\MSSQL\Data\%s.mdf ', [Edit1.text])) + ' , ' +
15      ' USER = ' +
16      QuotedStr ('sysdba') + ' , ' +
17      ' PASSWORD = ' +
18      QuotedStr ('masterkey') + ' , ' +
19      ' SIZE = 4, ' +
20      ' MAXSIZE = 10, ' +
21      ' FILEGROWTH = 1';
22
23
24  memo1.lines.add(Paramstr);
25
26
27  MSSQL_ZConnection.Properties.Add (Paramstr);
28
29  MSSQL_ZConnection.Connect;
30
31
32
33end;
34

```

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this code is working, a true SQL command

```

01procedure TEvalZEOSForm.Button3Click(Sender: TObject);
02var  CommandText  :  String;
03begin
04
05

```

```

06     memo1.lines.Clear;
07
08     CommandText :=  Format ('CREATE DATABASE %s ON ',[Edit1.text])  +
09                     Format ('( NAME = %s_dat,  ',[Edit1.text])  +
10                     Format('FILENAME = 'C:\Program Files\Microsoft SQL
Server\MSSQL.1\MSSQL\Data\%s.mdf' ,  ',[Edit1.text])  +
11+
12
13                     'SIZE = 4, ' +
14                     'MAXSIZE = 10, ' +
15                     'FILEGROWTH = 1 )';
16
17
18     memo1.lines.add( CommandText );
19end;
20

```

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Ps: the execute the SQL command

```

1procedure TEvalZEOSForm.ExecutesQLButtonClick(Sender: TObject);
2begin
3
4     ZQuery1.SQL.Clear;
5     ZQuery1.SQL.AddStrings(memo1.Lines);
6     ZQuery1.ExecSQL;
7
8end;
9

```

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solution is ADO and not using ZEOS



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