ASP301
ADO

```
/**
 * @name
 * @email cybaek@netsgo.com
 * @homepage http://cybaek.com/
 */
```

UDL

ADO DB   ,
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UDL   .   UDL
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❑ DB   UDL   .

UDL

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                                ,   SQL Server   .

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                        3   DB   .

pubs 를   .

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```
[oledb]
; Everything after this line is an OLE DB InitString
Provider=SQLOLEDB.1;Password=sql;Persist Security Info=True;User
ID=sa;Initial Catalog=pubs;Data Source=.
```
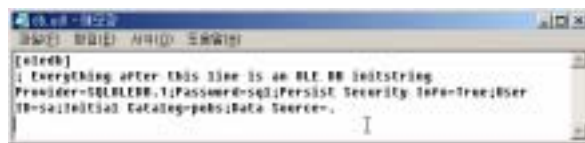
                                        ASP   ASP
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```
cn.Open "File Name=c:\config\db.udl"
```
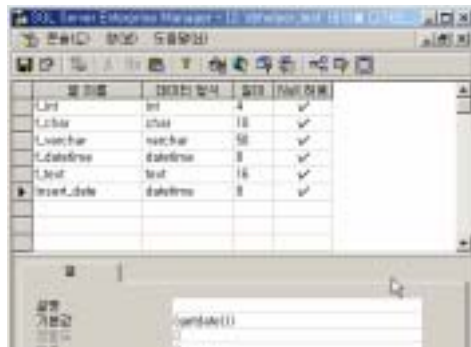
> File Name   , Name
>   =   c:\   c
>   .

DAL.DBHelper

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ASP   SQL   .
            SQL   .

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❑ http://msdn.microsoft.com/library/en-us/ado270/htm/mdaenumdm.asp

MSSQL   GoodNews DB   dbhelper_test

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```
CREATE TABLE [dbo].[dbhelper_test] (
      [f_int] [int] NULL ,
      [f_char] [char] (10) COLLATE Korean_Wansung_CI_AS NULL ,
      [f_varchar] [varchar] (50) COLLATE Korean_Wansung_CI_AS NULL ,
      [f_datetime] [datetime] NULL ,
      [f_text] [text] COLLATE Korean_Wansung_CI_AS NULL ,
      [insert_date] [datetime] NULL
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
```

DBHelper

DBHelper   .

```
dbhelper.1.asp

<!--METADATA TYPE="typelib"
      FILE="C:\Program Files\Common Files\System\ado\msado15.dll"-->
<%
Const CONN = "File Name=d:\Config\www.goodnews.com.udl"
```

```
Dim dbh, strSQL, rs

Set dbh = Server.CreateObject("DAL.DBHelper")

strSQL = "INSERT INTO dbhelper_test " & _
      " (f_int, f_char, f_varchar, f_text, f_datetime) " & _
      " values (?, ?, ?, ?, ?)"

Call dbh.RunSQL(strSQL, _
      Array( _
            dbh.mp("@f_int", adInteger, 4, 999), _
            dbh.mp("@f_char", adChar, 10, "abcd"), _
            dbh.mp("@f_varchar", adVarChar, 50, "Hello"), _
            dbh.mp("@f_text", adLongVarChar, 20, "12345678901234567890"), _
            dbh.mp("@f_datetime", adDBTimestamp, 8, CDate("2003-04-30 09:15")) _
      ), CONN)


strSQL = "SELECT f_int, f_char, f_varchar, f_text, f_datetime, insert_date " & _
      " FROM dbhelper_test"

Set rs = dbh.RunSQLReturnRS(strSQL, "", CONN)

Do While Not rs.EOF And Not rs.BOF
      Response.Write rs("f_int") & ", "
      Response.Write rs("f_char") & ", "
      Response.Write rs("f_varchar") & ", "
      Response.Write rs("f_text") & ", <br>"
      Response.Write rs("f_datetime") & ", "
      Response.Write rs("insert_date") & "<br><hr>"

      rs.MoveNext
Loop

rs.Close
Set rs = Nothing

Set dbh = Nothing
%>

OK!
```
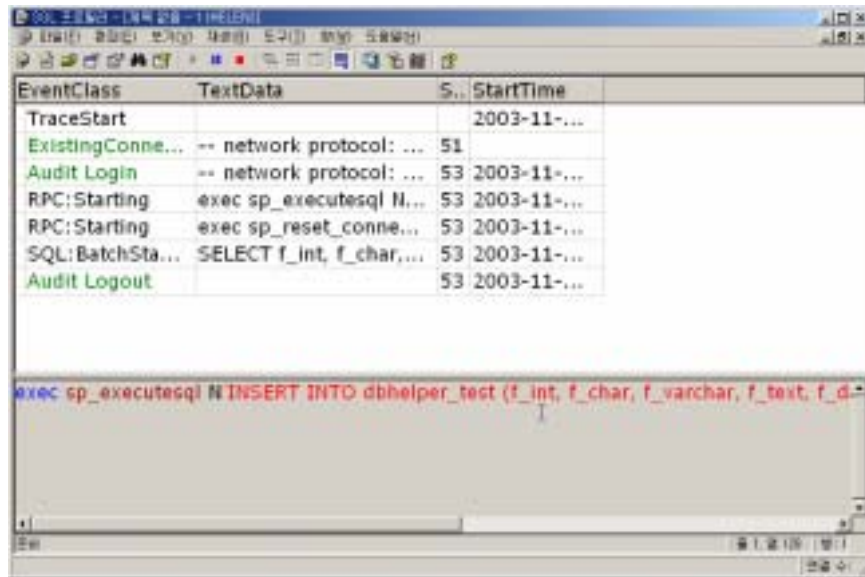

ADO   SQL   SQL
                              .

```
insert into dbhelper_test (f_int, f_char, f_varchar, f_text, f_datetime) values
('999', 'abcd', 'Hello', '12345678901234567890', '2003/04/30 09:15')
```

```
exec sp_executesql N'INSERT INTO dbhelper_test (f_int, f_char, f_varchar, f_text,
f_datetime)  values (@P1, @P2, @P3, @P4, @P5)', N'@P1 int,@P2 char(10),@P3
varchar(50),@P4 text,@P5 datetime', 999, 'abcd      ', 'Hello', '1234567890123456',
'04 30 2003  9:15:00:000AM'
```

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```
ado.insert.asp

<%
Const CONN = "Provider=SQLOLEDB.1;Password=sql;User ID=sa;Initial Catalog=pubs;Data
Source=."
Dim cn, sql

sql = "INSERT INTO authors (au_id, au_lname, au_fname, contract) " & _
      " VALUES ('111-11-1111', 'Baek', 'Chang Yol', 1)"
Set cn = Server.CreateObject("ADODB.Connection")
cn.Open CONN

Call cn.Execute(sql)

cn.Close
Set cn = Nothing
```

```
Response.Redirect "ado.select.asp"
%>
```

❑ dbhelper.1.asp

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