<http://www.dofactory.com/Connect/Connect.aspx>

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| **database connection strings**   |  |  | | --- | --- | | Find it hard to remember database connection strings? Well, you're not alone!  Here is an easy-to-use reference of connection strings for numerous databases and data stores. | http://www.dofactory.com/Images/773084_2.jpg |   **select your database**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  | | --- | | http://www.dofactory.com/Images/redarrow.gif [MS SQL Server](http://www.dofactory.com/Connect/Connect.aspx#sqlserver) | | http://www.dofactory.com/Images/redarrow.gif [MS SQL Express](http://www.dofactory.com/Connect/Connect.aspx#sqlexpress) | | http://www.dofactory.com/Images/redarrow.gif [MS Access](http://www.dofactory.com/Connect/Connect.aspx#access) | | http://www.dofactory.com/Images/redarrow.gif [Oracle](http://www.dofactory.com/Connect/Connect.aspx#oracle) | | http://www.dofactory.com/Images/redarrow.gif [IBM DB2](http://www.dofactory.com/Connect/Connect.aspx#db2) | | |  | | --- | | http://www.dofactory.com/Images/redarrow.gif [MySql](http://www.dofactory.com/Connect/Connect.aspx#mysql) | | http://www.dofactory.com/Images/redarrow.gif [Sybase](http://www.dofactory.com/Connect/Connect.aspx#sybase) | | http://www.dofactory.com/Images/redarrow.gif [Interbase](http://www.dofactory.com/Connect/Connect.aspx#interbase) | | http://www.dofactory.com/Images/redarrow.gif [Informix](http://www.dofactory.com/Connect/Connect.aspx#informix) | | |  | | --- | | http://www.dofactory.com/Images/redarrow.gif [Excel](http://www.dofactory.com/Connect/Connect.aspx#excel) | | http://www.dofactory.com/Images/redarrow.gif [Text](http://www.dofactory.com/Connect/Connect.aspx#text) | | http://www.dofactory.com/Images/redarrow.gif [dBase Dbf](http://www.dofactory.com/Connect/Connect.aspx#dbase) | | http://www.dofactory.com/Images/redarrow.gif [Visual FoxPro](http://www.dofactory.com/Connect/Connect.aspx#foxpro) | |     Code samples are in C#. You must provide the values in red     **Microsoft SQL Server**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self1)   |  | | --- | | // ODBC DSN | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =                "Dsn=DsnName;" +                "Uid=UserName;" +                "Pwd=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self2)   |  | | --- | | // ODBC -- Standard Connection | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =                "Driver={SQL Server};" +                "Server=ServerName;" +                "DataBase=DataBaseName;" +                "Uid=UserName;" +                "Pwd=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self3)   |  | | --- | | // ODBC -- Trusted Connection | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =                "Driver={SQL Server};" +                "Server=ServerName;" +                "DataBase=DataBaseName;" +                "Uid=;" +                "Pwd=;";  conn.Open();  // or  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =                "Driver={SQL Server};" +                "Server=ServerName;" +                "DataBase=DataBaseName;" +                "Trusted\_Connection=Yes;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self4)   |  | | --- | | // OleDb -- Standard Connection | | using System.Data.OleDb;  OleDbConnection conn = new OleDbConnection(); conn.ConnectionString =                "Driver=SQLOLEDB;" +                "Data Source=ServerName;" +                "Initial Catalog=DataBaseName;" +                "User id=UserName;" +                "Password=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self5)   |  | | --- | | // OleDb -- Trusted Connection | | using System.Data.OleDb;  OleDbConnection conn = new OleDbConnection(); conn.ConnectionString =                "Driver=SQLOLEDB;" +                "Data Source=ServerName;" +                "Initial Catalog=DataBaseName;" +                "Integrated Security=SSPI;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self6)   |  | | --- | | // OleDb -- via IP Address | | using System.Data.OleDb;  OleDbConnection conn = new OleDbConnection(); conn.ConnectionString =                "Driver=SQLOLEDB;" +                "Network Library=DBMSSOCN;" +                "Data Source=xxx.xxx.xxx.xxx,1433;" +                "Initial Catalog=DataBaseName;" +                "User id=UserName;" +                "Password=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self7)   |  | | --- | | // .NET DataProvider -- Standard Connection | | using System.Data.SqlClient;  SqlConnection conn = new SqlDbConnection(); conn.ConnectionString =                "Data Source=ServerName;" +                "Initial Catalog=DataBaseName;" +                "User id=UserName;" +                "Password=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self8)   |  | | --- | | // .NET DataProvider -- Trusted Connection | | using System.Data.SqlClient;  SqlConnection conn = new SqlConnection(); conn.ConnectionString =                "Data Source=ServerName;" +                "Initial Catalog=DataBaseName;" +                "Integrated Security=SSPI;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self9)   |  | | --- | | // .NET DataProvider -- via IP Address | | using System.Data.SqlClient;  SqlConnection conn = new SqlConnection(); conn.ConnectionString =                "Network Library=DBMSSOCN;" +                "Data Source=xxx.xxx.xxx.xxx,1433;" +                "Initial Catalog=DataBaseName;" +                "User Id=UserName;" +                "Password=Secret;";  conn.Open(); | |   [http://www.dofactory.com/Images/up.gifreturn to top](http://www.dofactory.com/Connect/Connect.aspx)  **Microsoft Sql Express**   |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self11)   |  | | --- | | // .NET Data Provider -- Default Relative Path // Standard Connection | | using System.Data.SqlClient;  SqlConnection conn = new SqlConnection(); conn.ConnectionString =       "Data Source=.\SQLExpress;" +       "User Instance=true;" +       "User Id=UserName;" +       "Password=Secret;" +       "AttachDbFilename=|DataDirectory|DataBaseName.mdf;" conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self12x)   |  | | --- | | // .NET Data Provider -- Default Relative Path // Trusted Connection | | using System.Data.SqlClient;  SqlConnection conn = new SqlConnection(); conn.ConnectionString =       "Data Source=.\SQLExpress;" +       "User Instance=true;" +       "Integrated Security=true;" +       "AttachDbFilename=|DataDirectory|DataBaseName.mdf;" conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self13x)   |  | | --- | | // .NET Data Provider -- Custom Relative Path // Standard Connection | | using System.Data.SqlClient;  AppDomain.CurrentDomain.SetData(      "DataDirectory", "C:\MyPath\");  SqlConnection conn = new SqlConnection(); conn.ConnectionString =       "Data Source=.\SQLExpress;" +       "User Instance=true;" +       "User Id=UserName;" +       "Password=Secret;" +       "AttachDbFilename=|DataDirectory|DataBaseName.mdf;" conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self14x)   |  | | --- | | // .NET Data Provider -- Custom Relative Path // Trusted Connection | | using System.Data.SqlClient;  AppDomain.CurrentDomain.SetData(      "DataDirectory", "C:\MyPath\");  SqlConnection conn = new SqlConnection(); conn.ConnectionString =       "Data Source=.\SQLExpress;" +       "User Instance=true;" +       "Integrated Security=true;" +       "AttachDbFilename=|DataDirectory|DataBaseName.mdf;" conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self15x)   |  | | --- | | // .NET Data Provider -- Absolute Path // Standard Connection | | using System.Data.SqlClient;  SqlConnection conn = new SqlConnection(); conn.ConnectionString =       "Data Source=.\SQLExpress;" +       "User Instance=true;" +       "User Id=UserName;" +       "Password=Secret;" +       "AttachDbFilename=C:\MyPath\DataBaseName.mdf;" conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self16x)   |  | | --- | | // .NET Data Provider -- Absolute Path // Trusted Connection | | using System.Data.SqlClient;  SqlConnection conn = new SqlConnection(); conn.ConnectionString =       "Data Source=.\SQLExpress;" +       "User Instance=true;" +       "Integrated Security=true;" +       "AttachDbFilename=C:\MyPath\DataBaseName.mdf;" conn.Open(); | |   [http://www.dofactory.com/Images/up.gifreturn to top](http://www.dofactory.com/Connect/Connect.aspx)  **Microsoft Access**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self11)   |  | | --- | | // ODBC DSN | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString = "Dsn=DsnName"; conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self12)   |  | | --- | | // ODBC -- Standard Security | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =      "Driver={Microsoft Access Driver (\*.mdb)};" +      "Dbq=c:\myPath\myDb.mdb;" +      "Uid=Admin;Pwd=;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self13)   |  | | --- | | // ODBC -- Workgroup (System Database) | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =      "Driver={Microsoft Access Driver (\*.mdb)};" +      "Dbq=c:\myPath\myDb.mdb;" +      "SystemDb=c:\myPath\myDb.mdw;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self14)   |  | | --- | | // ODBC -- Exclusive Use | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =       "Driver={Microsoft Access Driver (\*.mdb)};" +       "Dbq=c:\myPath\myDb.mdb;" +       "Exclusive=1;";       "Uid=Admin;Pwd=;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self15)   |  | | --- | | // OleDb with MS Jet -- Standard Security | | using System.Data.OleDb;  OleDbConnection conn = new OleDbConnection(); conn.ConnectionString =             "Provider=Microsoft.Jet.OLEDB.4.0;" +             "Data Source=c:\mypath\myDb.mdb;" +             "User id=admin;" +             "Password="; conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self16)   |  | | --- | | // OleDb with MS Jet -- Workgroup (System Database) | | using System.Data.OleDb;  OleDbConnection conn = new OleDbConnection(); conn.ConnectionString =             "Provider=Microsoft.Jet.OLEDB.4.0;" +             "Data Source=c:\mypath\myDb.mdb;" +             "System Database=c:\mypath\myDb.mdw;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self17)   |  | | --- | | // OleDb with MS Jet -- With Password | | using System.Data.OleDb;  OleDbConnection conn = new OleDbConnection(); conn.ConnectionString =             "Provider=Microsoft.Jet.OLEDB.4.0;" +             "Data Source=c:\mypath\myDb.mdb;" +             "Database Password=Secret;" conn.Open(); | |   [http://www.dofactory.com/Images/up.gifreturn to top](http://www.dofactory.com/Connect/Connect.aspx)  **Oracle**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self21)   |  | | --- | | // ODBC DSN | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =                "Dsn=DsnName;" +                "Uid=UserName;" +                "Pwd=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self22)   |  | | --- | | // ODBC -- New Microsoft Driver | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =             "Driver={Microsoft ODBC for Oracle};" +             "Server=OracleServer.world;" +             "Uid=UserName;" +             "Pwd=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self33)   |  | | --- | | // ODBC -- Old Microsoft Driver | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =      "Driver={Microsoft ODBC Driver for Oracle};" +      "ConnectString=OracleServer.world;" +      "Uid=UserName;" +      "Pwd=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self34)   |  | | --- | | // ODBC -- Oracle Driver | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =      "Driver={Oracle ODBC Driver};" +      "Dbq=myDataBase;" + // define in tsnames.ora     "Uid=UserName;" +      "Pwd=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self35)   |  | | --- | | // OleDb -- Microsoft Driver | | using System.Data.OleDb;  OleDbConnection conn = new OleDbConnection(); conn.ConnectionString =                "Driver=MSDAORA;" +                "Data Source=ServerName;" +                "User id=UserName;" +                "Password=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self36)   |  | | --- | | // OleDb -- Oracle Driver -- Standard Connection | | using System.Data.OleDb;  OleDbConnection conn = new OleDbConnection(); conn.ConnectionString =                "Driver=OraOLEDB.Oracle;" +                "Data Source=ServerName;" +                "User id=UserName;" +                "Password=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self37)   |  | | --- | | // OleDb -- Oracle Driver -- Trusted Connection | | using System.Data.OleDb;  OleDbConnection conn = new OleDbConnection(); conn.ConnectionString =                "Driver=OraOLEDB.Oracle;" +                "Data Source=ServerName;" +                "OSAuthent=1;"; conn.Open();  // or   using System.Data.OleDb;  OleDbConnection conn = new OleDbConnection(); conn.ConnectionString =                "Driver=OraOLEDB.Oracle;" +                "Data Source=ServerName;" +                "User id=/" +                "Password=;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self38)   |  | | --- | | // .NET DataProvider from Microsoft  // -- Standard Connection | | using System.Data.OracleClient;  OracleConnection conn = new OracleConnection(); conn.ConnectionString =                "Data Source=ServerName;" +                "User id=UserName;";                "Password=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self39)   |  | | --- | | // .NET DataProvider from Microsoft  // -- Trusted Connection | | using System.Data.OracleClient;  OracleConnection conn = new OracleConnection(); conn.ConnectionString =                "Data Source=Servername;" +                "Integrated Security=Yes;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self391)   |  | | --- | | // .NET DataProvider from Oracle  // -- Standard Connection | | using Oracle.DataAccess.Client;  OracleConnection conn = new OracleConnection(); conn.ConnectionString =                "Data Source=ServerName;" +                "User id=UserName;";                "Password=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self392)   |  | | --- | | // .NET DataProvider from Oracle  // -- Trusted Connection | | using Oracle.DataAccess.Client;  OracleConnection conn = new OracleConnection(); conn.ConnectionString =                "Data Source=Servername;" +                "Integrated Security=Yes;";  conn.Open(); | |   [http://www.dofactory.com/Images/up.gifreturn to top](http://www.dofactory.com/Connect/Connect.aspx)  **IBM DB2**   |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self40)   |  | | --- | | // ODBC DSN | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =                "Dsn=DsnName;" +                "Uid=UserName;" +                "Pwd=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self4x)   |  | | --- | | // ODBC without DSN | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =                "Driver={IBM DB2 ODBC DRIVER};" +                "DataBase=DataBaseName;" +                "HostName=ServerName;" +                "Protocol=TCPIP;" +                "Port=PortNumber;" +                "Uid=UserName;" +                "Pwd=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self41)   |  | | --- | | // OleDb -- Microsoft Driver | | using System.Data.OleDb;  OleDbConnection conn = new OleDbConnection(); conn.ConnectionString =             "Driver=DB2OLEDB;" +             "Network Transport Library=TCPIP;" +             "Network Address=xxx.xxx.xxx.xxx;" +             "Package Collection=CollectionName;" +             "Initial Catalog=DataBaseName;" +             "User id=UserName;" +             "Password=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self42)   |  | | --- | | // OleDb -- IBM Driver | | using System.Data.OleDb;  OleDbConnection conn = new OleDbConnection(); conn.ConnectionString =              "Driver=IBMDADB2;" +              "DataBase=DataBaseName;" +              "HostName=ServerName;" +              "Protocol=TCPIP;" +              "Port=PortNumber;" +              "Uid=UserName;" +              "Pwd=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self44)   |  | | --- | | // .NET DataProvider from IBM | | using IBM.Data.DB2;  Db2Connection conn = new Db2Connection(); conn.ConnectionString =                "DataBase=DataBaseName;" +                "Uid=UserName;" +                "Pwd=Secret;" +  conn.Open(); | |   [http://www.dofactory.com/Images/up.gifreturn to top](http://www.dofactory.com/Connect/Connect.aspx)  **MySql**   |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self499)   |  | | --- | | // ODBC DSN | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =                "Dsn=DsnName;" +                "Uid=UserName;" +                "Pwd=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self50)   |  | | --- | | // ODBC -- MyODBC Driver -- local database | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =              "Driver={MySql};" +              "Server=localhost;" +              "Option=16834;" +              "DataBase=DataBaseName;"  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self51)   |  | | --- | | // ODBC -- MyODBC Driver -- remote database | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =              "Driver={MySql};" +              "Server=db.domain.com;" +              "Option=131072;" +              "Port=3306;" +              "Stmt=;" +              "DataBase=DataBaseName;" +              "Uid=UserName;" +              "Pwd=Secret;"  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self53)   |  | | --- | | // ODBC -- MySQL ODBC 3.51 Driver | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =       "Driver={MySql ODBC 3.51 Driver};" +       "Server=ServerName;" +       "Option=16834;" +       "Port=3306;" +       "Stmt=;" +       "DataBase=DataBaseName;" +       "Uid=UserName;" +       "Pwd=Secret;"  conn.Open();  // or   using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =       "DRIVER={MySql ODBC 3.51 Driver};" +       "SERVER=ServerName;" +       "DATABASE=DataBaseName;" +       "USER=UrerName;" +       "PASSWORD=Secret;"  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self54)   |  | | --- | | // OleDb | | using System.Data.OleDb;  OleDbConnection conn = new OleDbConnection(); conn.ConnectionString =              "Provider=MySqlProv;" +              "Data Source=ServerName;" +              "User id=UserName;" +              "Password=Secret;"  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self45)   |  | | --- | | // .NET DataProvider from CoreLab | | using CoreLab.MySql;  MySqlConnection conn = new MySqlConnection(); conn.ConnectionString =                "Host=ServerName;" +                "DataBase=DataBaseName;" +                "Protocol=TCP;" +                "Port=3306;" +                "Direct=true;" +                "Compress=false;" +                "Pooling=true;" +                "Min Pool Size=0;" +                "Max Pool Size=100;" +                "Connection Lifetime=0;" +                "User id=UserName;" +                "Password=Secret;" +  conn.Open(); | |   [http://www.dofactory.com/Images/up.gifreturn to top](http://www.dofactory.com/Connect/Connect.aspx)  **Sybase**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self100)   |  | | --- | | // ODBC DSN | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =                "Dsn=DsnName;" +                "Uid=UserName;" +                "Pwd=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self105)   |  | | --- | | // ODBC -- Sybase System 12 (12.5) ODBC Driver | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =                "Driver={SYBASE ASE ODBC Driver};" +                "Srvr=ServerName;" +                "Uid=UserName;" +                "Pwd=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self106)   |  | | --- | | // ODBC -- Sybase System 11 ODBC Driver | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =             "Driver={SYBASE SYSTEM 11};" +             "Srvr=ServerName;" +             "Uid=UserName;" +             "Pwd=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self107)   |  | | --- | | // ODBC -- Intersolv 3.10 ODBC Driver | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =          "Driver={INTERSOLV 3.10 32-BIT Sybase};" +          "Srvr=ServerName;" +          "Uid=UserName;" +          "Pwd=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self166)   |  | | --- | | // ODBC -- SQL Anywhere | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =           "ODBC;" +           "Driver={Sybase SQL Anywhere 5.0};" +           "DefaultDir=c:\myfolder\;" +           "Dbf=c:\mypath\dbname.db;" +           "Uid=UserName;" +           "Pwd=Secret;" +           "Dsn="""";";     // Must be included! conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self199)   |  | | --- | | // OleDb -- Sybase Adaptive Server Enterprise (ASE) | | using System.Data.OleDb;  OleDbConnection conn = new OleDbConnection(); conn.ConnectionString =                "Driver=Sybase.ASEOLEDBProvider;" +                "Server Name=ServerName,5000;" +                "Initial Catalog=DataBaseName;" +                "User id=UserName;" +                "Password=Secret;";  conn.Open();  // optionally, replace  // 'Server Name' with 'Srvr', and  // 'Initial Catalog' with 'Catalog' |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self120)   |  | | --- | | // .NET DataProvider from Sybase | | using Sybase.Data.AseClient;  AseConnection conn = new AseConnection(); conn.ConnectionString =                "Data Source=ServerName;" +                "Initial Catalog=DataBaseName;" +                "User id=UserName;" +                "Password=Secret;";  conn.Open(); | |   [http://www.dofactory.com/Images/up.gifreturn to top](http://www.dofactory.com/Connect/Connect.aspx)  **Interbase**   |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self200)   |  | | --- | | // ODBC DSN | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =                "Dsn=DsnName;" +                "Uid=UserName;" +                "Pwd=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self210)   |  | | --- | | // ODBC -- EasySoft ODBC Driver -- local machine | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =        "Driver={Easysoft IB6 ODBC};" +        "Server=localhost;" +        "DataBase=localhost:C:\MyPath\DbName.gdb;" +        "Uid=UserName;" +        "Pwd=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self249)   |  | | --- | | // ODBC -- EasySoft ODBC Driver -- remote machine | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =        "Driver={Easysoft IB6 ODBC};" +        "Server=ServerName;" +        "DataBase=ServerName:C:\MyPath\DbName.gdb;" +        "Uid=UserName;" +        "Pwd=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self222)   |  | | --- | | // ODBC -- Intersolv ODBC Driver -- local machine | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =        "Driver=" +     "{INTERSOLV InterBase ODBC Driver (\*.gdb)};" +        "Server=localhost;" +        "DataBase=localhost:C:\MyPath\DbName.gdb;" +        "Uid=UserName;" +        "Pwd=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self219)   |  | | --- | | // ODBC -- Intersolv ODBC Driver -- remote machine | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =        "Driver=" +     "{INTERSOLV InterBase ODBC Driver (\*.gdb)};" +        "Server=ServerName;" +        "DataBase=ServerName:C:\MyPath\DbName.gdb;" +        "Uid=UserName;" +        "Pwd=Secret;";  conn.Open(); | |   [http://www.dofactory.com/Images/up.gifreturn to top](http://www.dofactory.com/Connect/Connect.aspx)  **Informix**   |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self400)   |  | | --- | | // ODBC DSN -- INFORMIX 3.30 ODBC Driver | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =                "Dsn=DsnName;" +                "Host=HostName;" +                "Server=ServerName;" +                "Service=ServerName;" +                "Protocol=olsoctcp;" +                "Database=DataBaseName;" +                "Uid=UserName;" +                "Pwd=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self430)   |  | | --- | | // ODBC without DSN -- INFORMIX 3.30 ODBC Driver | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =                "Dsn="";" +                "Driver={INFORMIX 3.30 32 BIT};" +                "Host=HostName;" +                "Server=ServerName;" +                "Service=ServerName;" +                "Protocol=olsoctcp;" +                "Database=DataBaseName;" +                "Uid=UserName;" +                "Pwd=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self405)   |  | | --- | | // ODBC Informix-CLI 2.5 ODBC Driver | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =            "Driver={Informix-CLI 2.5 (32 Bit)};" +            "Server=ServerName;" +            "DataBase=DataBaseName;" +            "Uid=UserName;" +            "Pwd=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self510)   |  | | --- | | // OleDb -- IBM Informix OleDb Provider | | using System.Data.OleDb;  OleDbConnection conn = new OleDbConnection(); conn.ConnectionString =          "Driver=IFXOLEDBC;" +          "Data Source=DataBaseName@ServerName;" +          "User id=UserName;" +          "Password=Secret;";          "Persist Security Info=true;";  conn.Open(); | |   [http://www.dofactory.com/Images/up.gifreturn to top](http://www.dofactory.com/Connect/Connect.aspx)  **Excel**   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self600)   |  | | --- | | // ODBC DSN | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =                "Dsn=DsnName;" +                "Uid=UserName;" +                "Pwd=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self605)   |  | | --- | | // ODBC without DSN | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =         "Driver={Microsoft Excel Driver (\*.xls)};" +         "Driverid=790;" +         "Dbq=C:\MyPath\SpreadSheet.xls;" +         "DefaultDir=C:\MyPath;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self610)   |  | | --- | | // OleDb with MS Jet | | using System.Data.OleDb;  OleDbConnection conn = new OleDbConnection(); conn.ConnectionString =      "Driver=Microsoft.Jet.OLEDB.4.0;" +      "Data Source=C:\MyPath\SpreadSheet.xls;" +     @"Extended Properties=""Excel 8.0;HDR=Yes""";  conn.Open(); | |   [http://www.dofactory.com/Images/up.gifreturn to top](http://www.dofactory.com/Connect/Connect.aspx)  **Text**   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self600)   |  | | --- | | // ODBC DSN | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =                "Dsn=DsnName;" +                "Uid=UserName;" +                "Pwd=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self605)   |  | | --- | | // ODBC without DSN | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =   "Driver={Microsoft Text Driver (\*.txt; \*.csv)};" +   "Dbq=C:\MyPath\;" +   "Extensions=asc,csv,tab,txt;";  conn.Open();  // Use: sql = "Select \* From MyTextFile.txt" |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self610)   |  | | --- | | // OleDb with MS Jet | | using System.Data.OleDb;  OleDbConnection conn = new OleDbConnection(); conn.ConnectionString =        "Driver=Microsoft.Jet.OLEDB.4.0;" +        "Data Source=C:\MyPath\;" +        "Extended Properties=" +          @"""text;HDR=Yes;FMT=Delimited""";  conn.Open();  // Use: sql = "Select \* From MyTextFile.txt" | |   [http://www.dofactory.com/Images/up.gifreturn to top](http://www.dofactory.com/Connect/Connect.aspx)  **dBase Dbf**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self700)   |  | | --- | | // ODBC DSN | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString = "Dsn=DsnName"; conn.Open();  // Use: sql = "Select \* From MyDb.dbf" |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self705)   |  | | --- | | // ODBC without DSN | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =       "Driver={Microsoft dBASE Driver (\*.dbf)};" +       "Driverid=277;" +       "Dbq=C:\MyPath\"; conn.Open();  // Use: sql = "Select \* From MyDb.dbf" | |   [http://www.dofactory.com/Images/up.gifreturn to top](http://www.dofactory.com/Connect/Connect.aspx)  **Visual FoxPro**   |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self800)   |  | | --- | | // ODBC DSN | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString = "Dsn=DsnName"; conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self805)   |  | | --- | | // ODBC without DSN -- Database container (dbc) | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =        "Driver={Microsoft Visual FoxPro Driver};" +        "SourceType=DBC;" +        "SourceDB=C:\MyPath\MyDb.dbc;" +        "Exclusive=No";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self806)   |  | | --- | | // ODBC without DSN -- Free table directory | | using System.Data.Odbc;  OdbcConnection conn = new OdbcConnection(); conn.ConnectionString =        "Driver={Microsoft Visual FoxPro Driver};" +        "SourceType=DBF;" +        "SourceDB=C:\MyPath;" +        "Exclusive=No";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self810)   |  | | --- | | // OleDb -- Database container (dbc) | | using System.Data.OleDb;  OleDbConnection conn = new OleDbConnection(); conn.ConnectionString =                "Driver=VFPOLEDB;" +                "Data Source=C:\MyPath\MyDb.dbc;" +                "Collating Sequence=machine;" +                "Password=Secret;";  conn.Open(); |   [**Hide code**](http://www.dofactory.com/Connect/Connect.aspx#_self811)   |  | | --- | | // OleDb -- Free table directory | | using System.Data.OleDb;  OleDbConnection conn = new OleDbConnection(); conn.ConnectionString =                "Driver=VFPOLEDB;" +                "Data Source=C:\MyPath\;" +                "Collating Sequence=general;" +                "Password=Secret;";  conn.Open(); | |   If you like to comment on any of the connection strings please [contact us](http://www.dofactory.com/Contact/Contact.aspx).  [http://www.dofactory.com/Images/up.gifreturn to top](http://www.dofactory.com/Connect/Connect.aspx) |  |