

WordTemplate.SetDataSource(System.Data.IDataReader)

Description

Sets a template's data source to an `IDataReader` interface, which may be either a `SqlDataReader`, `OleDbDataReader` or an `AdomdDataReader`. If the specified `DataReader` returns more than one row, `WordWriter` will use the first row as the data source.

C#

```
public void SetDataSource(System.Data.IDataReader dr)
```

vb.net

```
Public Sub SetDataSource(ByVal dr As System.Data.IDataReader)
```

Parameters

dr

A `SqlDataReader`, `OleDbDataReader` or an `AdomdDataReader` to use as the data source. `WordWriter` will use the first row of the `DataReader` as the data source.

Exceptions

ArgumentNullException

[Save](#) will throw this exception if `null` (C#) or `Nothing` (VB.NET) is passed to the method.

ArgumentException

Remarks

Each merge field in a `WordWriter` template must bind to a data source field/value pair. The number of merge fields in the template may not exceed the number of values in the data source. However, the number of values in the data source may be greater than the number of merge fields in the template.

Do not call this method more than once for a single instance of [WordTemplate](#). To set multiple main document data sources, use the following methods:

[SetDataSource\(Object\(\), String\(\), String\)](#)

[SetDataSource\(System.Data.DataSet, String\)](#)

[SetDataSource\(System.Data.DataTable, String\)](#)

[SetDataSource\(System.Data.IDataReader, String\)](#)

Examples

C#

```
WordTemplate oWW = new WordTemplate();
oWW.Open(@"c:\temp\template.doc");
string strSQL = "SELECT LastName, FirstName, " +
    "TitleOfCourtesy, Address, City, Region, PostalCode " +
    "FROM Employees WHERE EmployeeID=1";

//--- Create an OLEDB connection.
OleDbConnection oConn = new OleDbConnection(strConnString);

//--- Create an OleDbCommand
OleDbCommand oCmd = new OleDbCommand(strSQL, oConn);

//--- Get an OleDbDataReader
oConn.Open();
OleDbDataReader oReader =
    oCmd.ExecuteReader(CommandBehavior.CloseConnection);

//--- Pass the DataReader to SetDataSource.
oWW.SetDataSource(oReader);

//--- Close the reader (should do this in a finally block)
oReader.Close();
...
```

```
Dim oWW As New WordTemplate()
oWW.Open("c:\temp\template.doc")
Dim strSQL As String = "SELECT LastName, FirstName, " & _
    "TitleOfCourtesy, Address, City, Region, PostalCode " & _
    "FROM Employees WHERE EmployeeID=1"

'--- Create an OLEDB connection.
Dim oConn As New OleDbConnection(strConnString)

'--- Create an OleDbCommand
Dim oCmd As New OleDbCommand(strSQL, oConn)

'--- Get an OleDbDataReader
oConn.Open()
Dim oReader As OleDbDataReader = _
    oCmd.ExecuteReader(CommandBehavior.CloseConnection)

'--- Pass the DataReader to SetDataSource.
oWW.SetDataSource(oReader)

'--- Close the reader (should do this in a finally block)
oReader.Close()
...
```