

ExcelTemplate.BindData(System.Data.IDataReader, String, DataBindingProperties)

Description

Sets an ADO.NET IDataReader as a data source to bind to template data markers.

C#

```
public void BindData(System.Data.IDataReader source, System.String dataSourceName, DataBindingProperties property)
```

vb.net

```
Public Sub BindData(ByVal source As System.Data.IDataReader, ByVal dataSourceName As String, ByVal [property] As DataBindingProperties)
```

Parameters

source

This parameter must be an instance of [System.Data.SqlClient.SqlDataReader](#), [System.Data.OleDb.OleDbDataReader](#) or [Microsoft.AnalysisServices.AdomdClient.AdomdDataReader](#), otherwise BindData will throw an exception.

dataSourceName

The name of the set of data markers at which to insert the values imported from the data source. dataSourceName must be specified, but can be left as null or an empty string if this is the first data source bound AND the data markers in the template use the [short data marker syntax](#) or refer to the datasource by number rather than name. Note: dataSourceName does not include a data marker's column name, for example, the dataSourceName for `%%=Products.ProductID` is "Products."

property

The [DataBindingProperties](#) object which contains information about how the data should be bound to the template.

property

The [DataBindingProperties](#) object which contains information about how the data should be bound to the template. property Must be specified, but the DataBindingProperties need not be set beforehand. To bind data to a template with the default DataBindingProperties, pass in `ExcelTemplate.CreateDataBindingProperties()` as the property value. Otherwise, use the `ExcelTemplate.CreateDataBindingProperties()` method to generate a new DataBindingProperties object and set the [DataBindingProperties.MaxRows](#), [DataBindingProperties.Transpose](#), and/or [DataBindingProperties.WorksheetName](#) properties for the workbook.

Exceptions

ArgumentNullException

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

SARuntimeException

BindData will throw this exception if the data source contains more rows than the worksheet can hold.

If there is more than one data marker referring to a data source and the data source is forward only, the exception will be thrown only if the source is larger than all bindings can hold.

ArgumentException

Remarks

You can set several data sources for a single template. Use the following methods to set template data sources: [BindCellData](#), [BindColumnData](#), [BindRowData](#), and [BindData](#).

Examples

C#

```
OleDbDataReader CategoryRdr = GetCategoryReader();
try
{
    ExcelTemplate xlt = new ExcelTemplate();
    xlt.BindData(CategoryRdr,
        "Category",
        ExcelTemplate.CreateDataImportProperties());
} catch(System.Exception ex) {
} finally {
    ///--- The OleDbDataReader must be open when it's passed
    ///--- to ExcelTemplate. Remember to close it after use.
    if(CategoryRdr!=null)
        CategoryRdr.Close();
}

///--- Get an OleDbDataReader containing a list of product categories
private OleDbDataReader GetCategoryReader()
{
    OleDbConnection Conn = new OleDbConnection();
    Conn.ConnectionString = Application["connstring"].ToString();

    ///--- SQL query for a list of categories
    string CategorySQL = "SELECT CategoryName FROM Categories";
    OleDbCommand Cmd = new OleDbCommand(CategorySQL, Conn);
    Conn.Open();
    return Cmd.ExecuteReader();
}
```

```
Dim CategoryRdr As OleDbDataReader = GetCategoryReader()
Try
    Dim xlt As New ExcelTemplate()
    xlt.BindData(CategoryRdr, _
        "Category", _
        ExcelTemplate.CreateDataBindingProperties())
Catch ex As System.Exception
Finally
    '--- The OleDbDataReader must be open when it's passed
    '--- to ExcelTemplate. Remember to close it after use.
    If Not CategoryRdr = Nothing
        CategoryRdr.Close()
    End If
End Try

'--- Get an OleDbDataReader containing a list of product categories
Private Function GetCategoryReader() As OleDbDataReader
    Dim Conn As New OleDbConnection()
    Conn.ConnectionString = Application("connstring").ToString()

    '--- SQL query for a list of categories
    Dim CategorySQL As String = "SELECT CategoryName FROM Categories"
    Dim Cmd As New OleDbCommand(CategorySQL, Conn)
    Conn.Open()
    Return Cmd.ExecuteReader()
End Function
```