

WordTemplate.SetRepeatBlock(System.Data.IDataReader, String)

Description

Sets the specified repeat block's data source to an IDataReader interface, which may be either a SqlDataReader, OleDbDataReader or an AdomdDataReader.

C#

```
public void SetRepeatBlock(System.Data.IDataReader dr, System.String bookmark)
```

vb.net

```
Public Sub SetRepeatBlock(ByVal dr As System.Data.IDataReader, ByVal bookmark As String)
```

Parameters

dr

a SqlDataReader, OleDbDataReader, or an AdomdDataReader to use as the data source.

bookmark

The bookmark name of the template repeat block. The bookmark passed to SetRepeatBlock must exist in the template Word file. To see a list of template bookmark names:

1. Open the template in Microsoft Word.
2. Open the **Edit** menu.
3. Select **Go To...**
4. Select **Bookmark**.
5. Under **Enter bookmark name**, open the drop-down list of bookmark names.

Exceptions

ArgumentNullException

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

ArgumentException

Introduced in build 8.4

SAException

SetRepeatBlock will throw this exception if the bookmark has been set to be [removed](#).

Remarks

A repeat block is a fragment in the template document that will be repeated for each row in a data source. In the template document, repeat blocks are defined by Word bookmarks that contain merge fields.

You can call `SetRepeatBlock` several times for a single instance of `WordTemplate`. The repeat block specified by the parameter `bookmark` must exist in the template.

If you pass an empty `DataReader` to `SetRepeatBlock` `WordWriter` will not include the specified repeat block in the generated Word file.

Not all Word features can be included in a repeat block:
\$body

Supported in Repeat Blocks	Not Supported in Repeat Blocks
• Character Formatting (everywhere) • Paragraph Formatting (Alignment, Outlines, Indent, Spacing, Page Break before, Keep Together) • Multiple Columns (2, 3, Column Breaks) • Borders and Shading • Tabs • Bullets • Numbering (numbering not reset, it is continued from one repeat block to another) • Page Breaks • Section Breaks • Auto Text Field • Hyperlink • Pictures • Table Row Repeat (entire row only) • Fields (with some restrictions)	• Nested repeat blocks (Only one data source may be assigned to a single repeat block.) • Overlapping bookmarks • Comments • Drawing Objects • Text Boxes • Footnote and endnote references • Table and picture indexes • Single cell in a table • Smart tags (smart tags will be removed from the document) • Repeat blocks in headers, footers, footnotes, comments, text boxes, etc.

\$body

Examples

C#

```
//--- Get a DataReader
//--- WordWriter accepts OleDbDataReader, SqlDataReader, and AdomdDataReader
OleDbDataReader dr = GetOleDbDataReader();
WordTemplate oWW = new WordTemplate();
oWW.Open(Page.MapPath("./template.doc"));

//--- Set a data source for the repeat block
//--- defined by the bookmark "Page"
//--- "dr" is the DataReader containing information to be
//--- imported and repeated in the repeat block
oWW.SetRepeatBlock(dr, "Page");
oWW.Process();
oWW.Save(Page.Response, "EmployeeOutput.doc", false);

//--- Close the DataReader in a finally block
dr.Close();

private OleDbDataReader GetOleDbDataReader()
{
    OleDbConnection Conn = new OleDbConnection(connString);

    //--- SQL Query for categories.
    string CategorySQL = "SELECT CategoryID, CategoryName," +
        "Description FROM Categories";
    Conn.Open();
    return new OleDbCommand(CategorySQL, Conn).ExecuteReader(
        CommandBehavior.CloseConnection);
}
```

```
'--- Get a DataReader
'--- WordWriter accepts OleDbDataReader, SqlDataReader, and AdomdDataReader
Dim dr As OleDbDataReader = GetOleDbDataReader()
Dim oWW As New WordTemplate()
oWW.Open(Page.MapPath("./template.doc"))

'--- Set a data source for the repeat block
'--- defined by the bookmark "Page"
'--- "dr" is the DataReader containing information to be
'--- imported and repeated in the repeat block
oWW.SetRepeatBlock(dr, "Page")
oWW.Process()
oWW.Save(Page.Response, "EmployeeOutput.doc", False)

'--- Close the DataReader in a finally block
dr.Close()

Private Function GetOleDbDataReader() As OleDbDataReader
    Dim Conn As New OleDbConnection(connString)

    '--- SQL Query for categories.
    Dim CategorySQL As String = "SELECT CategoryID, CategoryName," & _
        "Description FROM Categories"
    Conn.Open()
    Return New OleDbCommand(CategorySQL, Conn).ExecuteReader( _
        CommandBehavior.CloseConnection)
End Function
```