

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

Description

Sets the specified repeat block's data source to an ADO.NET DataSet. 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.

C#

```
public void SetRepeatBlock(System.Data.DataSet ds, System.String bookmark)
```

vb.net

```
Public Sub SetRepeatBlock(ByVal ds As System.Data.DataSet, ByVal bookmark As String)
```

Parameters

ds

The DataSet 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

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 DataSet 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
<ul style="list-style-type: none">• 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)	<ul style="list-style-type: none">• 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#

```
//--- A dataset with the data to be repeated
DataSet ds = GetDataSet();
WordTemplate oWW = new WordTemplate();
oWW.Open("c:\\template.doc");

//--- Set a data source for the repeat block
//--- defined by the bookmark "Page"
//--- "ds" is the DataSet containing the data to be
//--- imported and repeated in the repeat block
//--- The first DataTable in the DataSet will be used
oWW.SetRepeatBlock(ds, "Page");
oWW.Process();
oWW.Save(Page.Response, "Output.doc", false);
```

```
'--- A dataset with the data to be repeated
Dim ds As DataSet = GetDataSet()
Dim oWW As New WordTemplate()
oWW.Open("c:\template.doc")

'--- Set a data source for the repeat block
'--- defined by the bookmark "Page"
'--- "ds" is the DataSet containing the data to be
'--- imported and repeated in the repeat block
'--- The first DataTable in the DataSet will be used
oWW.SetRepeatBlock(ds, "Page")
oWW.Process()
oWW.Save(Page.Response, "Output.doc", False)
```