

# WordTemplate.SetRepeatBlock(System.Data.DataTable, String, Int32)

## Description

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

### C#

```
public void SetRepeatBlock(System.Data.DataTable dt, System.String bookmark, int maxRows)
```

### vb.net

```
Public Sub SetRepeatBlock(ByVal dt As System.Data.DataTable, ByVal bookmark As String, ByVal maxRows As Integer)
```

## Parameters

### *dt*

The DataTable 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.

### *maxRows*

Specifies the maximum number of repetitions to write to the file. If Next fields are enabled (see [EnableNEXTFields](#)), then the number of rows imported from the data source is  $\text{maxRows} * (\text{numberOfNextFields} + 1)$ . If Next fields are not enabled the number of rows imported is equal to the number of repetitions written out. To write the maximum rows available, use the constant [WordTemplate.ALL\\_ROWS](#).

## 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 `DataTable` to `SetRepeatBlock` - by either setting `maxRows` to 0 or passing an empty `DataTable` - `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"><li>• Character Formatting (everywhere)</li><li>• Paragraph Formatting (Alignment, Outlines, Indent, Spacing, Page Break before, Keep Together)</li><li>• Multiple Columns (2, 3, Column Breaks)</li><li>• Borders and Shading</li><li>• Tabs</li><li>• Bullets</li><li>• Numbering (numbering not reset, it is continued from one repeat block to another)</li><li>• Page Breaks</li><li>• Section Breaks</li><li>• Auto Text Field</li><li>• Hyperlink</li><li>• Pictures</li><li>• Table Row Repeat (entire row only)</li><li>• Fields (with some restrictions)</li></ul>	<ul style="list-style-type: none"><li>• Nested repeat blocks (Only one data source may be assigned to a single repeat block.)</li><li>• Overlapping bookmarks</li><li>• Comments</li><li>• Drawing Objects</li><li>• Text Boxes</li><li>• Footnote and endnote references</li><li>• Table and picture indexes</li><li>• Single cell in a table</li><li>• Smart tags (smart tags will be removed from the document)</li><li>• Repeat blocks in headers, footers, footnotes, comments, text boxes, etc.</li></ul>

\$body

## Examples

C#

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

//--- Set a data source for the repeat block
//--- defined by the bookmark "Page"
//--- "dt" is the DataTable containing the data to be
//--- imported and repeated in the repeat block
//--- Set MaxRows to 10. Only 10 rows from the DataTable
//--- will be imported
oWW.SetRepeatBlock(dt, "Page", 10);
oWW.Process();
oWW.Save(Page.Response, "Output.doc", false);
```

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

'--- Set a data source for the repeat block
'--- defined by the bookmark "Page"
'--- "dt" is the DataTable containing the data to be
'--- imported and repeated in the repeat block
'--- Set MaxRows to 10. Only 10 rows from the DataTable
'--- will be imported
oWW.SetRepeatBlock(dt, "Page", 10)
oWW.Process()
oWW.Save(Page.Response, "Output.doc", False)
```