

Table

Description

Represents a table in the Word document.

C#

```
[DefaultMember("Item")]  
public sealed class Table : Element
```

vb.net

```
<DefaultMember("Item")> _  
Public NotInheritable Class Table  
    Inherits Element
```

Remarks

To create a new table, use [Element.InsertTableBefore\(\)](#) or [InsertTableAfter\(\)](#). To get an existing table, use [Element.GetElements](#) or [Element.Children](#) and check which elements are of type [Element.Type.Table](#).

The following sample demonstrates inserting a new table at the end of a document as well as finding the first table in a document.

Examples

C#

```
//--- Insert a table at the end of a new document with 3 rows and 5 columns  
WordApplication app = new WordApplication();  
Document doc = app.Create();  
Table table = doc.InsertTableAfter(3, 5);  
  
//--- Get the first table of an existing document  
WordApplication app = new WordApplication();  
Document doc = app.Open(@"C:\sample.doc");  
Table table = doc.GetElements(Element.Type.Table)[0];
```

vb.net

```
'--- Insert a table at the end of a new document with 3 rows and 5 columns
Dim app As New WordApplication()
Dim doc As Document = app.Create()
Dim table As Table = doc.InsertTableAfter(3, 5)

'--- Get the first table of an existing document
Dim app As New WordApplication()
Dim doc As Document = app.Open("C:\sample.doc")
Dim table As Table = doc.GetElements(Element.Type.Table)(0)
```

Properties

Name	Description
AbsolutePositioning	Returns an AbsolutePositioning object on which you can control the absolute positioning for the table.
Formatting	Sets or returns a TableFormatting object representing the formatting of this table (borders, padding, shading, etc).
NumRows	Returns an <code>int</code> representing the number of rows in the first row of this table.
PreferredWidth	The page <code>Table.PreferredWidth</code> could not be found.
Style	Sets or returns a NamedStyle object that represents the Style of the current table.

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Name	Description
Item(Int32, Int32)	Returns a TableCell object that represents the table cell that exists at the given column and row.

Methods

Name	Description
AddColumns(Int32)	Adds a specified number of columns to the horizontal end of the table.
AddRows(Int32)	Adds a specified number of rows to the vertical end of the table.
CreateBookmarkOnRow(Int32, String)	Creates a bookmark on the specified row using the specified name.
DeleteColumns(Int32, Int32)	{excerpt-include:Table.DeleteColumns(Int32,
DeleteRows(Int32, Int32)	Deletes one or more rows from the table.
GetNumColumns(Int32)	Returns the number of columns in the specified row of the table.
GetPreferredColumnWidth(Int32)	Returns an <code>int</code> representing the width of a particular column. The GetPreferredColumnWidth method returns the width of the column in twips. One twip = (1/20 pt) or (1/1440 in).

GetPreferredColumnWidthUnits(Int32)	Returns a <code>TableCell.WidthUnits</code> object that represents the units used for the width of a particular column.
GetPreferredWidth(out Units)	Returns a double that represents the preferred width of this cell, with the associated units return in <code>units</code> .
GetRowHeight(Int32)	Returns an <code>int</code> representing the height of a particular row in the table. The default row height unit is twips. One twip = (1/20 pt) or (1/1440 in).
GetRowHeightExact(Int32)	Returns or a <code>boolean</code> that represents if the row height is "exact" (true) or "at least" (false).
ImportDataRow(Object())	Imports data from an array of objects to the current table.
InsertColumns(Int32, Int32)	Inserts one or more columns at the specified position in the table.
InsertRows(Int32, Int32)	Inserts one or more rows at the specified position in the table.
MergeCells(Int32, Int32, Int32, Int32)	Merges the specified set of cells into a single cell.
SetPreferredColumnWidth(Int32, Int32)	Sets an <code>int</code> representing the width of a particular column. In order to set the width of a column, you must first set the <code>PreferredColumnWidthUnit</code> of that column.
SetPreferredColumnWidthUnits(Int32, TableCell.WidthUnits)	Sets a <code>TableCell.WidthUnits</code> object that represents the units used for the width of a particular column.
SetPreferredWidth(Double, Units)	Sets the preferred width of the table and the units for said width.
SetRowHeight(Int32, Int32)	Sets an <code>int</code> representing the height of a particular row in the table. A row height is set in twips. One twip = (1/20 pt) or (1/1440 in).
SetRowHeightExact(Int32, Boolean)	Sets a <code>boolean</code> that represents if the row height is "exact" (true) or "at least" (false).