TableFormatting

Description

The TableFormatting class is used to specify formatting that should be applied to a table. It also represents the table formatting of some named styles in the document.

C#

```csharp
public sealed class TableFormatting
```

vb.net

```vbnet
Public NotInheritable Class TableFormatting
```

Remarks

There are two ways to obtain an instance of this class: Create a new normal table formatting object using Document.CreateTableFormatting(). This will return a copy of a particular style's table formatting. The `TableFormatting` object that is returned can then be used in conjunction with methods in the Element class to create tables with specific formatting.

The following example demonstrates both ways of getting table formatting, first by retrieving the NormalTable style's paragraph formatting from the document, second by retrieving a copy of the TableSimple1 style's paragraph formatting.

Examples

C#

```csharp
//--- Get NormalTable formatting from Document
WordApplication app = new WordApplication();
Document doc = app.Create();
TableFormatting normalTableFormatting =
    doc.CreateTableFormatting();

//--- Get paragraph formatting from SimpleTable1 Style
WordApplication app = new WordApplication();
Document doc = app.Create();
TableFormatting simpleTable1Formatting =
    doc.Styles[NamedStyle.BuiltIn.SimpleTable1];
```

```vb.net
'--- Get NormalTable formatting from Document
Dim app As New WordApplication()
Dim doc As Document = app.Create()
Dim normalTableFormatting As TableFormatting = _
    doc.CreateTableFormatting()

'--- Get paragraph formatting from SimpleTable1 Style
Dim app As New WordApplication()
Dim doc As Document = app.Create()
Dim simpleTable1Formatting As TableFormatting = _
    doc.Styles(NamedStyle.BuiltIn.SimpleTable1)
```

Properties

Name	Description
AutoWidth	Returns a `boolean` that represents whether or not this table's width will be set automatically by Word.
CantSplit	Sets or returns a `boolean` that represents whether or not Word will attempt to keep a table created with this formatting on one page.
DefaultShading	Returns an Shading object which on which you can manipulate the default shading (fill color and/or pattern) properties of a table's cells that has this formatting.
DefaultSpacing	Returns or sets an `int` that represents the default spacing between a table's cells that has this formatting. This is the distance in twips between the edge of a cell and the center of its border with an adjacent cell. One twip = (1/20 pt) or (1/1440 in)
Justification	Sets or returns a ParagraphFormatting.Justification object that represents the justification for a table created with this formatting. Possible values: Left, Center, Right, LeftRight.
LeftIndent	Sets or returns an `int` that represents the left indent for a table created with this formatting in twips. One twip = (1/20 pt) or (1/1440 in).
RepeatAsHeader	Sets or returns a `boolean` that represents if Word will repeat the first row of a table created with this formatting as a header across multiple pages.

Methods

Name	Description
GetDefaultBorder(Border.Location)	Returns a Border object that represents the default border for table cells at a specified location for a table created with this formatting. Individual table cells can override these border settings. Allowed locations are: Top, Left, Bottom, Right, Vertical, and Horizontal. Top, Left, Bottom, and Right refer to the default border for those sides of a table cell. Vertical and Horizontal refer to the border between table cells.

GetDefaultPadding(TableCell.Location)	Returns an `int` that represents the default table cell margin at a particular location. One twip = (1/20 pt) or (1/1440 in)
SetDefaultPadding(TableCell.Location, Int32)	Sets an `int` that represents the default table cell margin at a particular location. One twip = (1/20 pt) or (1/1440 in)