

GemBox Support Center

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How to remove Table borders

Mario - GemBox - 2017-02-10 - 0 Comments - in GemBox.Document

There are two ways you can define Table borders in a Word document. One way is to define the borders in a Table element, and another way is to define the borders in TableCell elements.

The GemBox.Document supports both of these options and offers the following properties for their representation:

- [TableFormat.Borders](#) property
- [TableCellFormat.Borders](#) property

For demonstration purposes, we will create a new Table element and set its TableFormat borders and TableCellFormat borders.

C# code

```
var document = new DocumentModel();
var table = new Table(document, 3, 3,
    (int r, int c) => new TableCell(document,
        new Paragraph(document, string.Format("Cell[{0},{1}]", r, c))));
table.TableFormat.PreferredWidth = new TableWidth(100, TableWidthUnit.Percentage);

var tableBorders = table.TableFormat.Borders;
tableBorders.SetBorders(MultipleBorderTypes.Inside, BorderStyle.None, Color.Empty, 0);
tableBorders.SetBorders(MultipleBorderTypes.Outside, BorderStyle.Triple, Color.Green, 1.8);

var tableCellBorders = table.Rows[1].Cells[1].CellFormat.Borders;
tableCellBorders.SetBorders(MultipleBorderTypes.Outside, BorderStyle.Double, Color.Red, 1);

document.Sections.Add(new Section(document, table));
document.Save("Table Sample.docx");
```

VB.NET code

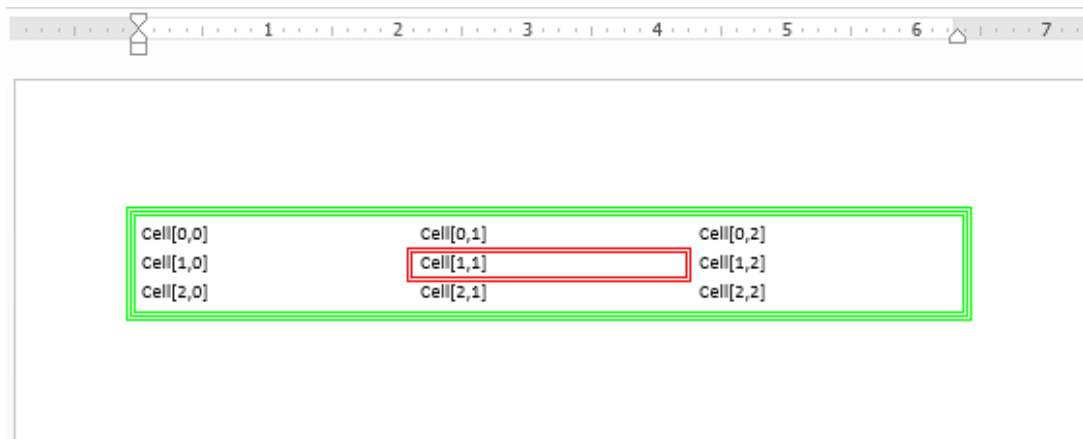
```
Dim document = New DocumentModel()
Dim table = New Table(document, 3, 3, _
    Function(r As Integer, c As Integer) New TableCell(document, _
        New Paragraph(document, String.Format("Cell[{0},{1}]", r, c))))
table.TableFormat.PreferredWidth = New TableWidth(100, TableWidthUnit.Percentage)

Dim tableBorders = table.TableFormat.Borders
tableBorders.SetBorders(MultipleBorderTypes.Inside, BorderStyle.None, Color.Empty, 0)
tableBorders.SetBorders(MultipleBorderTypes.Outside, BorderStyle.Triple, Color.Green, 1.8)

Dim tableCellBorders = table.Rows(1).Cells(1).CellFormat.Borders
tableCellBorders.SetBorders(MultipleBorderTypes.Outside, BorderStyle.Double, Color.Red, 1)

document.Sections.Add(New Section(document, table))
document.Save("Table Sample.docx")
```

The following is the resulting "Table Sample.docx" file:



The screenshot shows a Word document interface with a ruler at the top. Below the ruler is a table with three rows and three columns. The cells are labeled as follows:

Cell[0,0]	Cell[0,1]	Cell[0,2]
Cell[1,0]	Cell[1,1]	Cell[1,2]
Cell[2,0]	Cell[2,1]	Cell[2,2]

The cell at [1,1] (the center cell) is highlighted with a red border. The entire table is enclosed in a green border.

Now to remove all the Table's borders, we are required to set every defined border in the targeted Table element to `BorderStyle none`. This includes both `TableFormat` borders and `TableCellFormat` borders.

C# code

```
var targetedTable = document.GetChildElements(true,
ElementType.Table).Cast<Table>().First();
targetedTable.TableFormat.Borders.SetBorders(MultipleBorderTypes.All, BorderStyle.None,
Color.Empty, 0);
foreach (var row in targetedTable.Rows)
    foreach (var cell in row.Cells)
        cell.CellFormat.Borders.ClearBorders();

document.Save("Borderless Table Sample.docx");
```

VB.NET code

```
Dim targetedTable = document.GetChildElements(True, ElementType.Table).Cast(Of
Table)().First()
targetedTable.TableFormat.Borders.SetBorders(MultipleBorderTypes.All, BorderStyle.None,
Color.Empty, 0)
For Each row As TableRow In targetedTable.Rows
    For Each cell As TableCell In row.Cells
        cell.CellFormat.Borders.ClearBorders()
    Next
Next

document.Save("Borderless Table Sample.docx")
```

The following is the resulting "Borderless Table Sample.docx" file:

Cell[0,0]	Cell[0,1]	Cell[0,2]
Cell[1,0]	Cell[1,1]	Cell[1,2]
Cell[2,0]	Cell[2,1]	Cell[2,2]