Borders

The Borders attribute controls how the borders around paragraphs and tables should be drawn. Besides defining the Borders attribute, you can control each borders individually, which are, Top, Bottom, Left, Right, DiagonalUp and DiagonalDown. The last two borders are only available for tables.

Visible

The Visible attribute can be set either to true or false which will turn the borders on or off, respectively.

```
\paragraph [Format.Borders.Visible = true]
{...}
```

This is a paragraph with borders around it.

Color

This attribute controls the color of the borders and can use any syntax which is explained in the 'Attributes-Color' sample.

```
\paragraph [Format.Borders.Color = Violet]
{...}
```

This is a paragraph with a violet colored border around it.

Width

This attributes controls the line width of the borders and can use the unit of measures defined in the 'Attributes-Units' sample.

```
\paragraph [Format.Borders.Width = "1mm"]
{...}
```

This is a paragraph with a 1mm thick border.

Style

MigraDoc supports the following border styles: None, Single, Dot, DashSmallGap, DashLargeGap, DashDot and DashDotDot.

```
\paragraph [Format.Borders.Style = DashDot]
{...}
```

This is a paragraph with a DashDotted border.

Distances

There are four distances that can be defined in a MigraDoc border, which are: DistanceFromTop, DistanceFromBottom, DistanceFromRight, and DistanceFromLeft. They define the distances between the text and the top, bottom, right and left borders, respectively. The distances can be defined using any unit of measures described in the 'Attributes-Units' sample.

```
\paragraph
[
  Format.Borders.Visible = true
  Format.Borders.DistanceFromTop = "0.5cm"
  Format.Borders.DistanceFromBottom = "3mm"
  Format.Borders.DistanceFromRight = "6pt"
  Format.Borders.DistanceFromLeft = "0.7in"
]
{...}
```

This is a paragraph surrounded by a border with various distances.

Individual Borders

Each of the explained attributes with the exception of the distances can also be used to individually format each of the border parts.

```
\paragraph
[
  Format.Borders
  {
    Top.Color = Blue
    Bottom.Style = Dot
    Left.Width = "3pt"
    Right.Color = Red
  }
]
{…}
```

Paragraph with various border.

To show the **DiagonalUp** and **DiagonalDown** borders in a table, their **Visible** attributes have to be explicitly set to true. You can see in the following sample, although the borders' **Visible** attribute is set to true in the table, the first cell doesn't have the **DiagonalUp** and **DiagonalDown** borders.

```
\table [Borders.Visible = true]
{
  \columns
  {…}
  \rows
  {
    \row
    {
      \cell
      {…}
      \cell
      [
        Borders
        {
          DiagonalUp.Visible = true
          DiagonalUp.Color = Magenta
          DiagonalDown.Visible = true
          DiagonalDown.Style = DashDotDot
        }
      ]
      {…}
    }
  }
}
```