

## Outline Level

Attribute **OutlineLevel** is used to create bookmarks in a PDF file, which you can see in the PDF viewer if you render this document to PDF. The **OutlineLevel** defines the nesting of the PDF Bookmark.

### 10 Outline Levels

MigraDoc provides 10 outline levels which are from *Level1* to *Level9* and *BodyText*. All outline levels except *BodyText* will be used to create the chapter structure in a PDF document, starting from *Level1* as the top level. The title of the outline levels will be taken from the appropriate paragraphs, but the length of the text is limited to 60 characters. Tabulators are converted into spaces.

### Headings and Normal Styles

By default the outline levels *Level1* to *Level9* are defined in the styles *Heading1* to *Heading9* and *BodyText* is defined in the *Normal* style, this attribute will be inherited to the derived styles. You can change the outline level of a style by changing the **OutlineLevel** attribute. This applies to both built-in styles and new styles.

```
\styles
{
  Heading8
  {
    ParagraphFormat.OutlineLevel = Level3
  }

  MyStyle : Normal
  {
    ParagraphFormat.OutlineLevel = Level1
  }
}
```

### Addition of outline levels

If a specific outline level is missing in the document, then an appropriate one will be generated with an empty title. For example, if *Level1* and *Level3* exist, then *Level2* will be created between them, but it will be empty.

```
\paragraph [Style = "Heading1"]
{Heading1}
\paragraph [Style = "Heading2"]
{Heading2}
\paragraph [Style = "Heading3"]
{Heading3}
\paragraph [Style = "Heading2"]
{Heading2}
\paragraph [Style = "Heading3"]
{Heading3}
\paragraph [Style = "Heading3"]
{Heading3}
\paragraph [Style = "Heading1"]
{Heading1}
\paragraph [Style = "Heading2"]
{Heading2}
\paragraph [Style = "Heading4"]
{Heading4}
\paragraph [Style = "Heading1"]
{Heading1}
\paragraph [Style = "Heading2"]
{Heading2}
\paragraph [Style = "Heading5"]
{Heading5}
\paragraph [Style = "Heading2"]
{Heading2}
```

## **Heading1**

### **Heading2**

### **Heading3**

### **Heading2**

### **Heading3**

### **Heading3**

## **Heading1**

### **Heading2**

#### **Heading4**

## **Heading1**

### **Heading2**

#### **Heading5**

### **Heading2**

You can see the PDF bookmarks in the PDF viewer.