

## Built-in Character Styles

MigraDoc defines 3 character styles which control the font formatting of the text and can be directly used in the document without the need to be defined explicitly. Almost all of them however can be redefined to suit the needs of the document.

### DefaultParagraphFont

This is the base character style which cannot be redefined. It can only be used as a base style for a character style. None of its attributes is defined. If an inherited style is used to format a text, only the defined attributes are used. Undefined attributes stay unchanged.

```
\styles
{
  BoldText : DefaultParagraphFont
  {
    Font.Bold = true
  }
}
...
\paragraph [Format.Font.Italic = true]
{
  This is a \font("BoldText"){BoldText} style.
}
```

This is a **BoldText** style.

### Hyperlink

The Hyperlink character style is automatically used to format hyperlinks defined by the keyword \hyperlink.

```
\paragraph
{
  This is a \hyperlink[Name="TestHyperlink"]{Hyperlink} style.
}
```

This is a Hyperlink style.

### InvalidStyleName

This character style is used by MigraDoc when the given style is undefined.

```
\paragraph
{
  The style \font("UndefinedStyleName"){UndefinedStyleName}
  was not defined in this document.
}
```

The style UndefinedStyleName was not defined in this document.

## Built-in Paragraph Styles

MigraDoc also defines 14 paragraph styles which control not only the font formatting of the text, but also the layout of the paragraph in which the style is used. Like the built-in character styles, the built-in paragraph styles can also be directly used in the document without the need to be defined explicitly. All of the built-in paragraph styles can be redefined to suit the needs of the document.

### Normal

This is the default paragraph style which is used by MigraDoc to format the text when no style is given.

```
\paragraph
{
  This is an \font("Normal"){Normal} style.
}
```

This is a Normal style.

### Heading1 - Heading9

There are nine (9) built-in heading styles in MigraDoc which are named Heading1 to Heading9. Each heading uses the previous heading as base style, for example, Heading9 uses Heading8 as base style, Heading8 uses Heading7 and so forth. An exception is Heading1, it uses Normal as its base style. With this hierarchy, each Heading can have a new special attribute added to it while inheriting the attributes of the previous Headings. The outline level of each Heading is set corresponding to its number.

Generally, the outline level can only be redefined by assignment, not by deriving from another style.

```
\styles
{
  Heading5
  {
    Font.Color = Blue
    Font.Bold = true
    Font.Underline = Single
    Font.Size = 15
  }
  Heading6
  {
    Font.Color = Magenta
    Font.Size = 13
  }
}

...
\paragraph [Style = "Heading5"]
{
  Heading5.
}
\paragraph [Style = "Heading6"]
{
  Heading6.
}
```

**Heading5.**  
**Heading6.**

## List

The list style can be used for paragraphs that represent an enumeration. Note that the built-in style "List" does **not** define a specific list symbol.

So you should override the built-in style to fit your needs e. g. with ListType 'BulletList1', as done in this document.

```
\styles
{
  List
  {
    ParagraphFormat.ListInfo.ListType = BulletList1
  }
}
...
\paragraph [Style = "List"]
{
  First list entry.
  Second list entry.
  Third list entry.
  Fourth list entry.
}
```

- First list entry.
- Second list entry.
- Third list entry.
- Fourth list entry.

## Footnote

When a footnote is created with the keyword \footnote and no style is given, the style Footnote will be automatically applied to the footnote's content.

```
\paragraph
{
  \footnote{This is footnote number one.}Explained in footnote number one.
  \footnote{This is footnote number two.}Explained in footnote number two.
}
```

Explained in footnote number one.  
Explained in footnote number two.

## Header

The Header style is derived from the Normal style. It is automatically used to format the header if no other style is assigned to the header.

## Footer

The Footer style is derived from the Normal style. It is automatically used to format the footer if no other style is assigned to the footer.