

## Header and Footer

The headers and footers in MigraDoc can be defined using the keywords `\header`, `\firstpageheader`, `\primaryheader`, `\evenpageheader`, `\footer`, `\firstpagefooter`, `\primaryfooter` and `\evenpagefooter`. The headers and footers defined in a section will be implicitly inherited to the next section, this behavior has some advantages which will be explained in the next subsections.

### Standard Header and Footer

The header and footer defined with the keywords `\header` and `\footer` are the standard header and footer. They are used for all the headers and footers, except when they are defined explicitly.

```
\section
{
  \header
  {
    \paragraph
    {
      A standard header.
    }
  }
  \footer
  {
    \paragraph
    {
      A standard footer.
    }
  }
}
```

### DifferentFirstPageHeaderFooter

You can define a special header and footer for the first page of the section with the `\firstpageheader` and `\firstpagefooter` keywords. However, the definition will not be active until the `DifferentFirstPageHeaderFooter` attribute is set to true. By that way, you can choose which section shall have a different first page header and footer, and you only have to define them once. The first page header and footer definition should be written after `\header` and `\footer`, otherwise it will be overwritten.

```
\section [PageSetup.DifferentFirstPageHeaderFooter = true]
{
  \header
  {
    \paragraph
    {
      A header.
    }
  }
  \firstpageheader
  {
    \paragraph
    {
      First page header.
    }
  }
  \footer
  {
    \paragraph
    {
      A footer.
    }
  }
  \firstpagefooter
  {
    \paragraph
    {
      First page footer.
    }
  }
}
```

## OddAndEvenPagesHeaderFooter

Odd and even pages can have different headers and footers if the `OddAndEvenPagesHeaderFooter` attribute is set to true.

In this case, the header and footer for the odd pages will be taken either from `\header` and `\footer` or from `\primaryheader` and `\primaryfooter`, depending on which one has been defined later. The header and footer for the even pages will be taken from `\evenpageheader` and `\evenpagefooter`, provided that it is defined after `\header` and `\footer`.

```
\section [PageSetup.OddAndEvenPagesHeaderFooter = true]
{
  \primaryheader
  {
    \paragraph
    {
      Odd page header.
    }
  }
  \evenpageheader
  {
    \paragraph
    {
      Even page header.
    }
  }
  \primaryfooter
  {
    \paragraph
    {
      Odd page footer.
    }
  }
  \evenpagefooter
  {
    \paragraph
    {
      Even page footer.
    }
  }
}
```

## Examples

To be able to use the links that are placed under each example, you have to convert this document into PDF.

### Section 3

In this section, all headers and footers will be defined separately, but only the header and footer which are defined in \primaryheader and \primaryfooter will be used because the OddAndEvenPagesHeaderFooter and DifferentFirstPageHeaderFooter attributes are not set to true.

```
\section
[
  PageSetup
  {
    Orientation = Landscape
    PageFormat = A6
    StartingNumber = 1
  }
]
{
  \firstpageheader
  {
    \paragraph
    {
      This is the first page header.
    }
  }
  \firstpagefooter
  {
    \paragraph
    {
      This is the first page footer.
    }
  }
  \primaryheader
  {
    \paragraph
    {
      This is the primary header.
    }
  }
  \primaryfooter
  {
    \paragraph
    {
      This is the primary footer.
    }
  }
  \evenpageheader
  {
    \paragraph
    {
      This is the even page header.
    }
  }
  \evenpagefooter
  {
    \paragraph
    {
      This is the even page footer.
    }
  }
}
...
```

To section 3

## Section 4

No header or footer will be defined in this section. Therefore, the headers and footers defined in the previous section will be used. Furthermore, the `DifferentFirstPageHeaderFooter` attribute will be set to true.

```
\section
[
  PageSetup
  {
    DifferentFirstPageHeaderFooter = true
    StartingNumber = 1
  }
]
{
  ...
}
```

To section 4

## Section 5

The `OddAndEvenPagesHeaderFooter` attribute is set to true in this section, and the primary header and footer will also be redefined. The `DifferentFirstPageHeaderFooter` attribute is set to false because if it's undefined, the value of the previous section will be used, which is 'true'.

```
\section
[
  PageSetup
  {
    OddAndEvenPagesHeaderFooter = true
    DifferentFirstPageHeaderFooter = false
    StartingNumber = 1
  }
]
{
  \primaryheader
  {
    \paragraph
    {
      This is the new primary header.
    }
  }
  \primaryfooter
  {
    \paragraph
    {
      This is the new primary footer.
    }
  }
  ...
}
```

To section 5

## Section 6

All three headers and footers are used in this section.

```
\section
[
  PageSetup
  {
    DifferentFirstPageHeaderFooter = true
    StartingNumber = 1
  }
]
{
  ...
}
```

To section 6

This is the primary header.

Section 3 • Page 1 of 3

This section uses the same header and footer for all of its pages.

This is the primary footer.

This is the primary header.

Section 3 • Page 2 of 3

This is the primary footer.

This is the primary header.

Section 3 • Page 3 of 3

This is the primary footer.

This is the first page header.

## Section 4 • Page 1 of 4

This section has its `DifferentFirstPageHeaderFooter` set to true. Therefore, the first page will have a different header and footer.

This is the first page footer.



This is the primary header.

Section 4 • Page 2 of 4

This is the primary footer.

This is the primary header.

Section 4 • Page 3 of 4

This is the primary footer.

This is the primary header.

Section 4 • Page 4 of 4

This is the primary footer.

This is the even page header.

## Section 5 • Page 1 of 4

The odd and even pages in this section have different headers and footers. The odd and even pages are based on the page number which is active for the section and not the page number of the document. As you can see, this page uses the primary header and footer which is used for the odd pages, although it is the 12th page of the document.

This is the even page footer.

This is the new primary header.

Section 5 • Page 2 of 4

This page is the 13th page of the document but the second page of the section. Therefore, it is considered an even page.

This is the new primary footer.

This is the even page header.

Section 5 • Page 3 of 4

This is the even page footer.

This is the new primary header.

Section 5 • Page 4 of 4

This is the new primary footer.

This is the first page header.

Section 6 • Page 1 of 4

This is the first page footer.



This is the new primary header.

Section 6 • Page 2 of 4

This is the new primary footer.

This is the even page header.

Section 6 • Page 3 of 4

This is the even page footer.

This is the new primary header.

Section 6 • Page 4 of 4

This is the new primary footer.