

# Headers & Footers - Method 2

This uses **RUNTIME HTML** headers & footers. This is the simplest & quickest way to program a header/footer once for the whole document that includes images or uses more complex layout styles.

## Setting Headers/Footers for the whole document

Use `SetHTMLHeader()` and/or `SetHTMLFooter()` to set HTML headers/footers before writing to the document.

### Example #1 - Single-sided document

```
$mpdf = new mPDF();

// Define the Header/Footer before writing anything so they appear on the first page
$mpdf->SetHTMLHeader('<div style="text-align: right; font-weight: bold;">My document</div>');

$mpdf->SetHTMLFooter('
<table width="100%" style="vertical-align: bottom; font-family: serif; font-size: 8pt; color:
#000000; font-weight: bold; font-style: italic;"><tr>
<td width="33%"><span style="font-weight: bold; font-style: italic;">{DATE j-m-Y}</span></td>
<td width="33%" align="center" style="font-weight: bold; font-style:
italic;">{PAGENO}/{nbpg}</td>
<td width="33%" style="text-align: right; ">My document</td>
</tr></table>
');

$mpdf->WriteHTML('Hallo World');
$mpdf->Output();
```

### Example #2 - Double-sided document

```
$mpdf = new mPDF();

$mpdf->useOddEven = 1;    // Use different Odd/Even headers and footers and mirror margins

// Define the Headers before writing anything so they appear on the first page
$mpdf->SetHTMLHeader('<div style="text-align: right; font-weight: bold;">My
document</div>', 'O');

$mpdf->SetHTMLHeader('<div style="border-bottom: 1px solid #000000;">My document</div>', 'E');

$mpdf->SetHTMLFooter('
<table width="100%" style="vertical-align: bottom; font-family: serif; font-size: 8pt; color:
#000000; font-weight: bold; font-style: italic;"><tr>
<td width="33%"><span style="font-weight: bold; font-style: italic;">{DATE j-m-Y}</span></td>
<td width="33%" align="center" style="font-weight: bold; font-style:
italic;">{PAGENO}/{nbpg}</td>
<td width="33%" style="text-align: right; ">My document</td>
</tr></table>
'); // Note that the second parameter is optional : default = 'O' for ODD

$mpdf->SetHTMLFooter('
<table width="100%" style="vertical-align: bottom; font-family: serif; font-size: 8pt; color:
#000000; font-weight: bold; font-style: italic;"><tr>
<td width="33%"><span style="font-weight: bold; font-style: italic;">My document</span></td>
<td width="33%" align="center" style="font-weight: bold; font-style:
italic;">{PAGENO}/{nbpg}</td>
<td width="33%" style="text-align: right; ">{DATE j-m-Y}</td>
</tr></table>
', 'E');

$mpdf->WriteHTML('Hallo World');
$mpdf->Output();
```

## Changing Header/Footer during the document

This is where **RUNTIME** headers/footers get much more clumsy to use. When a new page is added to the document (e.g. using `AddPage()` or `<pagebreak>`) mPDF does the following:

- writes the footer for the current page
- starts the new page
- writes the header for the new page

Therefore to use any **RUNTIME** method you need to:

- change the header before the page-break
- change the footer after the page-break

### Example #1

```
// First ensure that you are on an Even page
$mpdf->AddPage('', 'E');

// Then set the headers for the next page before you add the page
$mpdf->SetHTMLHeader('<div style="text-align: right; border-bottom: 1px solid #000000; font-weight: bold; font-size: 10pt;">Chapter 2</div>', 'O');
$mpdf->SetHTMLHeader('<div style="border-bottom: 1px solid #000000; font-weight: bold; font-size: 10pt;">Chapter 2</div>', 'E');

$mpdf->AddPage();

$mpdf->SetHTMLFooter('<div style="text-align: right; font-weight: bold; font-size: 8pt; font-style: italic;">Chapter 2</div>', 'O');
$mpdf->SetHTMLFooter('<div style="font-weight: bold; font-size: 8pt; font-style: italic;">Chapter 2</div>', 'E');

$mpdf->WriteHTML('Rest of the document');
$mpdf->Output();
```

#### Example #2 - Turning a Header/Footer off

```
// If you want the changes to start on an ODD page
$mpdf->AddPage('', 'E');

$mpdf->SetHTMLHeader();
$mpdf->AddPage();
$mpdf->SetHTMLFooter();

$mpdf->WriteHTML('No-Header page');

$mpdf->Output();
```

## Table of Contents

Using **RUNTIME** headers/footers with a Table of Contents is very clumsy, it is strongly recommended that you use one of the **NAMED** methods. Here for the record is how you would do it:

```
$mpdf = new mPDF();
$mpdf->useOddEven = true;

// Set the headers/footers for the Introduction
$mpdf->SetHTMLHeader('<div style="text-align: right; font-weight: bold;">Introduction</div>', 'O');
$mpdf->SetHTMLHeader('<div style="border-bottom: 1px solid #000000;">Introduction</div>', 'E');
$mpdf->SetHTMLFooter('<div style="font-weight: bold;">{PAGENO}</div>', 'O');
$mpdf->SetHTMLFooter('<div style="text-align: right;">{PAGENO}</div>', 'E');

$mpdf->AddPage('', '', 1, '', 'on'); // suppress page numbering for the introduction
$mpdf->WriteHTML('Introduction of document...');

$mpdf->AddPage('', 'E');

$mpdf->SetHTMLHeader('<div style="text-align: right; font-weight: bold;">Main</div>', 'O');
$mpdf->SetHTMLHeader('<div style="border-bottom: 1px solid #000000;">Main</div>', 'E');

$mpdf->TOCpagebreak('', '', '', '', '', '', '', '', '', 'A', 'off'); // sets numbering to start at A

$mpdf->SetHTMLFooter('<div style="font-weight: bold;">Main - {PAGENO}</div>', 'O');
$mpdf->SetHTMLFooter('<div style="text-align: right;">Main - {PAGENO}</div>', 'E');

$mpdf->WriteHTML('Main part of document...');

$mpdf->Output();
```

...and for historical reference, using deprecated TOC function:

```
$mpdf = new mPDF();
$mpdf->useOddEven = true;

// Set the headers/footers for the Introduction
$mpdf->SetHTMLHeader('<div style="text-align: right; font-weight: bold;">Introduction</div>', 'O');
$mpdf->SetHTMLHeader('<div style="border-bottom: 1px solid #000000;">Introduction</div>', 'E');
$mpdf->SetHTMLFooter('<div style="font-weight: bold;">{PAGENO}</div>', 'O');
$mpdf->SetHTMLFooter('<div style="text-align: right;">{PAGENO}</div>', 'E');

$mpdf->AddPage('', '', 1, '', 'on'); // suppress page numbering for the introduction
$mpdf->WriteHTML('Introduction of document...');

$mpdf->AddPage('', 'E');

$mpdf->SetHTMLHeader('<div style="text-align: right; font-weight: bold;">Main</div>', 'O');
$mpdf->SetHTMLHeader('<div style="border-bottom: 1px solid #000000;">Main</div>', 'E');
$mpdf->AddPage('', '', 1, 'i', 'off'); // sets page numbering to start here at 1
$mpdf->SetHTMLFooter('<div style="font-weight: bold;">Main - {PAGENO}</div>', 'O');
$mpdf->SetHTMLFooter('<div style="text-align: right;">Main - {PAGENO}</div>', 'E');

// Set some variables for the ToC - these are all now deprecated
```

```
$mpdf->TOCheader = array();
$mpdf->TOCfooter = array();
$mpdf->TOCpreHTML = '<h2>Table of Contents</h2>';
$mpdf->TOCpostHTML = '<p>Text to come after the contenst list</p>';
$mpdf->TOCbookmarkText = 'Contents';

// Mark this current page as where the ToC is to be inserted
$mpdf->TOC(($tocfont, $tocfontsize, $tocindent, $resetpagenum, $pagenumstyle, $suppress,
$toc_orientation, $TOCusePaging, $TOCuseLinking);

$mpdf->WriteHTML('Main part of document...');

$mpdf->Output();
```

### See Also

- SetHTMLHeader()
- SetHTMLFooter()

Printed on Wed 05 Aug 2015 12:07:09 GMT +0100 (DST)