TOCpagebreak()

(mPDF >= 2.0)

TOCpagebreak — Insert a table of contents in the document

> **Note:** A new function TOCpagebreakByArray() was added in mPDF 5.0 which is recommended as much simpler to use.

Description

> void **TOCpagebreak** ([string *$font* [, float *$font-size* [, int *$indent* [, mixed *$paging* [, mixed *$links* [, string *$toc-orientation* [, float *$toc-margin-left* [, float *$toc-margin-right* [, float *$toc-margin-top* [, float *$toc-margin-bottom* [, float *$toc-margin-header* [, float *$toc-margin-footer* [, string *$toc-odd-header-name* [, string *$toc-even-header-name* [, string *$toc-odd-footer-name* [, string *$toc-even-footer-name* [, int *$toc-odd-header-value* [, int *$toc-even-header-value* [, int *$toc-odd-footer-value* [, int *$toc-even-footer-value* [, string *$toc-preHTML* [, string *$toc-postHTML* [, string *$toc-bookmarkText* [, string *$resetpagenum* [, string *$pagenumstyle* [, string *$suppress* [, string *$orientation* [, float $margin-left* [, float $margin-right* [, float $margin-top* [, float $margin-bottom* [, float $margin-header* [, float $margin-footer* [, string $odd-header-name* [, string $even-header-name* [, string $odd-footer-name* [, string $even-footer-name* [, mixed $odd-header-value* [, mixed $even-header-value* [, mixed $odd-footer-value* [, mixed $even-footer-value* [, string $name* [, string $pageselector* [, string $toc-pageselector* [, string $sheet-size* [, string $toc-sheet-size* [, string $outdent* [, int $toc-resetpagenum* [, string $toc-pagenumstyle* [, mixed $toc-suppress]]])

Add a new page to the document, marking the point at which a Table of Contents (**ToC**) will be inserted in the document at the end of writing. The numerous parameters specify both paging details for the continuing document, and for the **ToC** when it is generated.

> **Note:** From mPDF 5.7 the layout of a table of contents can be controlled using CSS. *font*, *font-size* and *indent* have become redundant. They are kept as parameters to allow backwards compatibility, but any values set for these are ignored.

> **Note:** When writing a **DOUBLE-SIDED** document, the **ToC** will always start on an **ODD** page. Therefore there is no option to specifiy the pagebreak *type* as in AddPage() - using **TOCpagebreak()** will always continue the document on an **ODD** page.

> **Note:** Page numbering is always suppressed in the **ToC**.

> **Note:** The **ToC** is generated at the end of the document. Unless otherwise specified, the **ToC** will inherit the page margins, headers/footers and orientation of the last page written to the document.

> **Note:** From mPDF 2.3 you can include more than one **ToC** in the document using the parameter *name*.

> **Note:** If **TOCpagebreak()** is used at the start of a blank (**ODD**) page, no new page(s) will be added. This was added in mPDF 2.3 to allow a **ToC** to be placed on the first page, or to allow a **ToC** to follow another **ToC**. In this case, any properties for the continuing document are ignored. If you define several **ToC**s following immediately on from one another, set the properties in the first **ToC** you define.

Parameters

> The initial parameters specify characteristics for the **ToC**, which is generated automatically at the end of the document when Output() is called.

font

> From mPDF >= 5.7 CSS styles are used to control layout of **ToC**s. Any value set for this is ignored.

> Set the font-family for the **ToC**.
> **BLANK** or omitted uses default font-family for the document.

font-size

> From mPDF >= 5.7 CSS styles are used to control layout of **ToC**s. Any value set for this is ignored.

> Sets the font size for the **ToC** in **_points_** (pt)
> **BLANK** or omitted or 0 uses the default font-size for the document.

indent

> From mPDF >= 5.7 CSS styles are used to control layout of **ToC**s. Any value set for this is ignored.

> Sets the value in millimetres to indent each level of the **ToC** from the left margin.
> **BLANK** or omitted uses a default value of 5mm.

paging = **TRUE**|1|**FALSE**|0

> Specify whether to show page numbers in the **ToC**.
> **BLANK** or omitted uses a default value of **TRUE**.
> **DEFAULT**: **TRUE**

> **Values**
> **TRUE** *or* 1: show page numbers in the **ToC**.
> **FALSE** *or* 0: do not show page numbers in the **ToC**.

links = **TRUE**|1|**FALSE**|0

> Specify whether to generate hyperlinks in the **ToC**.
> **BLANK** or omitted uses a default value of **FALSE**.
> **DEFAULT**: **FALSE**

> **Values**
> **TRUE** *or* 1: show hyperlinks in the **ToC**.
> **FALSE** *or* 0: do not show hyperlinks in the **ToC**.

toc-orientation

> This attribute specifies the orientation of the **ToC** pages.
> **BLANK** or omitted leaves the orientation unchanged i.e. at the end of the document (before the **ToC** is generated)

> **Values** (case-insensitive)
> L *or* landscape: Landscape
> P *or* portrait: Portrait

toc-margin-left
toc-margin-right
toc-margin-top
toc-margin-bottom
toc-margin-header

toc-margin-footer

Set the page margins for the **ToC**.
All values should be specified as **LENGTH** in millimetres.
If you are writing a **DOUBLE-SIDED** document, the margin values will be used for **ODD** pages; left and right margins will be mirrored for **EVEN** pages.
BLANK or omitted leaves the current margin unchanged i.e. the margins current at the end of the document.
"0" (zero) will set the margin to zero.

toc-odd-header-name
toc-even-header-name
toc-odd-footer-name
toc-even-footer-name

Selects a header or footer by name to use for the **ToC**. The header/footer must already have been defined using DefHeaderByName(), DefFooterByName(), DefHTMLHeaderByName(), or DefHTMLFooterByName().
If you are writing a **SINGLE-SIDED** document, the values for **ODD** will be used for all pages, and values for **EVEN** will be ignored.
BLANK or omitted leaves the header/footer unchanged. NB **BLANK** will not unset the header. Set *toc-odd-header-value* to -1 to turn the header off.

Note: You must add the prefix 'html_' before the name if it is a HTMLHeader.

toc-odd-header-value
toc-even-header-value
toc-odd-footer-value
toc-even-footer-value

Specify whether to show a header or footer in the **ToC**. The header/footer must already have been defined using DefHeaderByName(), DefFooterByName(), DefHTMLHeaderByName(), or DefHTMLFooterByName().
If you are writing a **SINGLE-SIDED** document, the values for **ODD** will be used for all pages, and values for **EVEN** will be ignored.
BLANK or omitted or 0 leaves the header/footer state unchanged.

Values (case-insensitive)
1 *or* on: Show the selected header/footer in the **ToC**.
-1 *or* off: Hide the selected header/footer in the **ToC**.

toc-preHTML

Specify the HTML code to appear before the **ToC** e.g. '<h1>Contents</h1>'. Note that in contrast with the HTML equivalent <tocpagebreak> the text does not need to use HTML-entities.
BLANK or omitted will enter no text

toc-postHTML

Specify the HTML code to appear after the **ToC** e.g. '<p>Comments to go below the ToC</p>'. Note that in contrast with the HTML equivalent <tocpagebreak> the text does not need to use HTML-entities.
BLANK or omitted will enter no text.

toc-bookmarkText

Specify the text as it will appear as a **BOOKMARK** for the **ToC** e.g. 'Content list'.
BLANK or omitted will not create a **BOOKMARK**.

name

> Specify which **ToC** to include at this point, if using more than one **ToC** in the document. *name* can be any alphanumeric characters (except just "0") and is case-insensitive.
> **BLANK** or omitted or 0 uses the default **ToC**.

toc-pageselector

> Select a named CSS @page for the   **ToC**.
> **BLANK** or omitted or leaves the CSS page unchanged.

> See Using @page for more information

toc-sheet-size

> *sheet-size* can be specified either as a pre-defined page size, or as an array of width and height in millimetres e.g. array(210,297).
> **DEFAULT**: **BLANK** - makes no change to the current sheet-size

> **Values** (case-insensitive)
> A0 - A10, B0 - B10, C0 - C10
> 4A0, 2A0, RA0 - RA4, SRA0 - SRA4
> Letter, Legal, Executive, Folio
> Demy, Royal
> A (Type A paperback 111x178mm)
> B (Type B paperback 128x198mm)

> All of the above values can be suffixed with "-L" to force a Landscape page orientation document e.g. "A4-L"

outdent

> Set a negative indent for the last line of each **ToC** entry.
> Values should be **BLANK** string or any valid CSS **LENGTH**.
> This will cause the line to extend beyond the right margin; you can prevent this by setting **PADDING-RIGHT** equal to this value.
> **DEFAULT** 0

toc-resetpagenum = 1 - ∞

> Sets/resets the document page number to *resetpagenum* starting on the **ToC**. (The value must be a positive integer).
> **BLANK** or omitted or 0 leaves the preceding page number sequence unchanged.

toc-pagenumstyle = 1|A|a|I|i|[+ any value supported for list-style-type]

> Sets/resets the page numbering style to use in the **ToC** (values as for cf. lists)
> **BLANK** or omitted leaves the current page number style unchanged.

> **Values** (case-sensitive)
> 1: Decimal - 1,2,3,4...
> A: Alpha uppercase - A,B,C,D...
> a: Alpha lowercase - a,b,c,d...
> I: Roman uppercase - I, II, III, IV...
> i: Roman lowercase - i, ii, iii, iv...

toc-suppress = **TRUE**|**FALSE**|1|0

> *suppress*=on will suppress document page numbers in the **ToC**
> **BLANK** or omitted leaves the current condition unchanged.

> **Values** (case-insensitive)
> 1 *or* **TRUE**: Suppress (hide) page numbers in the **ToC**
> 0 *or* **FALSE**: Show page numbers in the **ToC**

The rest of the parameters are defined exactly as for AddPage(). Note that these parameters define page numbering, margins, headers/footers for the document as it continues from this point on; in the final document this will be the part of the document immediately after the **ToC**.
Please refer to AddPage() for further details. But **note** there are differences in the order of the parameters especially take care with *$orientation*

Changelog

Version	Description
2.0	Function was added.
2.2	Default values for *font-size*, *paging* and *links* were redefined.
2.3	*name* attribute was added.
4.3	Parameters *pageselector*, *sheet-size*, *toc-pageselector* and *toc-sheet-size* were added
5.7	*outdent* parameter added *font*, *font-size* and *indent* redundant
6.0	Parameters added: *toc-resetpagenum* | *toc-pagenumstyle* | *toc-suppress*

Examples

Example #1

```php
<?php

$mpdf=new mPDF();
$mpdf->WriteHTML('Introduction');
$mpdf->TOCpagebreak();

$mpdf->TOC_Entry("Chapter 1",0);
$mpdf->WriteHTML('Chapter 1 ...');
$mpdf=Output();

?>
```

See Also

- TOC_Entry() - Add an entry for Table of Contents
- AddPage() - Add a new page
- <tocpagebreak> - Custom HTML tag - equivalent to **TOCpagebreak()**

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