

TOCpagebreakByArray()

(mPDF >= 5.0)

TOCpagebreakByArray — Insert a table of contents in the document using an array of parameters

Description

```
void TOCpagebreakByArray ([ array $arr ])
```

Add a new page to the document using an array of (optional) parameters, 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.

Note: When writing a **DOUBLE-SIDED** document, the TOC will always start on an **ODD** page. Therefore there is no option to specify the pagebreak *type* as in `AddPage()` - using **TOCpagebreakByArray()** 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: You can include more than one TOC in the document using the parameter *name*.

Note: If **TOCpagebreakByArray()** 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 TOCs 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.

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.

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-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. '

Comments to go below the ToC

'. 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"

The rest of the parameters are defined exactly as for `AddPageByArray()`. 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 `AddPageByArray()` for further details.

Changelog

Version	Description
5.0	Function was added.
5.7	<i>outdent</i> parameter added <i>font</i> , <i>font-size</i> and <i>indent</i> redundant

Examples

Example #1

```
<?php
$mpdf=new mPDF();
$mpdf->WriteHTML('Introduction');
$mpdf->TOCpagebreakByArray();

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

?>
```

Example #2 - Blank template as example

```
<?php
$mpdf=new mPDF();
$mpdf->WriteHTML('Introduction');
$mpdf->TOCpagebreakByArray(array(
    'tocfont' => '',
    'tocfontsize' => '',
    'tocindent' => '',
    'TOCusePaging' => true,
    'TOCuseLinking' => '',
    'toc_orientation' => '',
    'toc_mgl' => '',
    'toc_mgr' => '',
    'toc_mgt' => '',
    'toc_mgb' => '',
    'toc_mgh' => '',
    'toc_mgf' => '',
    'toc_ohname' => '',
    'toc_ehname' => '',
    'toc_ofname' => '',
    'toc_efname' => '',
    'toc_ohvalue' => 0,
    'toc_ehvalue' => 0,
    'toc_ofvalue' => 0,
    'toc_efvalue' => 0,
    'toc_preHTML' => '',
    'toc_postHTML' => '',
    'toc_bookmarkText' => '',
    'resetpagenum' => '',
    'pagenumstyle' => '',
    'suppress' => '',
    'orientation' => '',
    'mgl' => '',
    'mgr' => '',
    'mgt' => '',
    'mgb' => '',
    'mgh' => '',
    'mgf' => '',
    'ohname' => '',
    'ehname' => '',
    'ofname' => '',
    'efname' => '',
    'ohvalue' => 0,
    'ehvalue' => 0,
    'ofvalue' => 0,
    'efvalue' => 0,
    'toc_id' => 0,
    'pagesel' => '',
    'toc_pagesel' => '',
    'sheetsize' => '',
    'toc_sheetsize' => ''
));

$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
- [AddPageByArray\(\)](#) - Add a new page using an array of parameters
- `<tocpagebreak>` - Custom HTML tag - equivalent to **TOCpagebreakByArray()**