

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. '<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"

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()**

Printed on Wed 05 Aug 2015 12:17:45 GMT +0100 (DST)