

# AddPageByArray()

(mPDF >= 5.0)

AddPageByArray — Add a new page using an array of parameters

## Description

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

Add a new page to the document using an array of parameters which are all optional. The parameter *type* can specify certain conditions which determine how many pages are added. If writing a **DOUBLE-SIDED** document, a conditional page-break (*type*="E" or "O") will add a new page only if required to make the current page match the type (i.e. **ODD** or **EVEN**); a page-break with *type*="NEXT-ODD" or "NEXT-EVEN" will add one or two pages as required to make the current page match the type (i.e. **ODD** or **EVEN**).

Number of pages added:

<i>type</i>	<b>SINGLE-SIDED</b>	<b>DOUBLE-SIDED</b>	
		Currently <b>ODD</b> page	Currently <b>EVEN</b> page
<b>BLANK</b>	1	1	1
O or ODD	0	0	1
E or EVEN	0	1	0
NEXT-ODD	1	2	1
NEXT-EVEN	1	1	2

**Note:** If no new page is added, the other parameters will be ignored e.g. resetting page numbers/styles, margins and headers/footers. If 2 pages are added, the changes in page numbers/styles, margins and headers/footers will start on the final added page.

**Note:** From mPDF >= 3.0 the page numbering can be reset to any positive number. Prior to this, it was only possible to reset it to 1.

**Note:** The description below uses the same parameter names as used in AddPage(), but these were not recognised in mPDF < 5.4. The examples use different parameter names. From mPDF >=5.4 both are supported. See below for a list of alternatives.

## Parameters

*orientation* = L|P

This attribute specifies the orientation of the new page.  
**BLANK** or omitted leaves the current orientation unchanged

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

*type* = E|O|even|odd|next-odd|next-even

If *type* is specified as "E" or "O" when writing a **DOUBLE-SIDED** document, the page-break is conditional; a new page will only be added if necessary to meet the specified condition.  
If *type* is specified as "NEXT-ODD" or "NEXT-EVEN" when writing a **DOUBLE-SIDED** document, either one or

two pages are added as necessary to meet the specified condition.  
 If not writing a **DOUBLE-SIDED** document, a page-break *type*="E" or "O" will be ignored.  
**BLANK** or omitted will force a new page unconditionally.

**Values** (case-insensitive)

O or ODD: Add a new page if required to make current page an **ODD** one.  
 E or EVEN: Add a new page if required to make current page an **EVEN** one.  
 NEXT-ODD: Add one or two pages as required to make the current page **ODD**.  
 NEXT-EVEN: Add one or two pages as required to make the current page **EVEN**.

*resetpagenum* = 1 - ∞

Sets/resets the document page number to *resetpagenum* starting on the new page. (The value must be a positive integer).

**BLANK** or omitted or 0 leaves the current page number sequence unchanged.

*pagenumstyle* = 1|A|a|I|i

Sets/resets the page numbering style (values as for 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...

*suppress* = on|off|1|0

*suppress*=on will suppress document page numbers from the new page onwards (until *suppress*=off is used)

**BLANK** or omitted leaves the current condition unchanged.

**Values** (case-insensitive)

1 or on: Suppress (hide) page numbers from the new page forwards.  
 0 or off: Show page numbers from the new page forwards.

*margin-left*  
*margin-right*  
*margin-top*  
*margin-bottom*  
*margin-header*  
*margin-footer*

Sets the page margins from the new page forwards.

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. NB "0" (zero) will set the margin to zero.

*odd-header-name*  
*even-header-name*  
*odd-footer-name*  
*even-footer-name*

Selects a header or footer by name to use from the new page forwards. 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 *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.

*odd-header-value*

*even-header-value*

*odd-footer-value*

*even-footer-value*

Specify whether to show or hide the named header or footer from the new page forwards. 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*: Start using the selected header/footer from the new page onwards.

-1 *or off*: Start the selected header from the new page onwards.

*pageselector*

Select a named CSS @page.

**BLANK** or omitted or leaves the CSS page unchanged.

See Using @page for more information

*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"

**Note:** If you use the array() form for *sheet-size*, then you must:

- specify the width less than the height i.e. the dimensions of the page in portrait orientation; and
- explicitly define the *orientation* as L or P

## Changelog

Version	Description
5.0	Function was added.
5.4	Alternative parameter names added

## Alternative parameter names

type	condition
margin-left	mgl
margin-right	mgr
margin-top	mgt
margin-bottom	mgb
margin-header	mgh
margin-footer	mgf
odd-header-name	ohname
even-header-name	ehname
odd-footer-name	ofname
even-footer-name	efname
odd-header-value	ohvalue
even-header-value	ehvalue
odd-footer-value	ofvalue
even-footer-value	efvalue
pageselector	pagesel
sheet-size	newformat

## Examples

### Example #1

```
<?php

$mpdf=new mPDF();
$mpdf->WriteHTML('Your Introduction');
$mpdf->AddPage();
$mpdf->WriteHTML('Your Book text');

?>
```

### Example #2 - Resetting page numbering with a new style

```
<?php

$mpdf=new mPDF();
$mpdf->useOddEven = 1;
$mpdf->AddPageByArray(array(
    'resetpagenum' => '1',
    'pagenumstyle' => 'i',
    'suppress' => 'on',
));
$mpdf->WriteHTML('Your Book text');

?>
```

### Example #3 - Defining new margins and page orientation

```
<?php

$mpdf=new mPDF();
```

```
$mpdf->WriteHTML('Your Introduction');
$mpdf->AddPageByArray(array(
    'orientation' => 'L',
    'mgl' => '50',
    'mgr' => '50',
    'mgt' => '50',
    'mgb' => '50',
    'mgh' => '10',
    'mgf' => '10',
));
$mpdf->WriteHTML('Your Book text');

?>
```

**Example #4** - Changing headers/footers

```
<?php

$mpdf=new mPDF();
$mpdf->useOddEven = 1;

$mpdf->defHeaderByName('myHeader', array (
    'L' => array (),
    'R' => array (),
    'C' => array ('content' => 'Chapter 2', 'font-style' => 'B', 'font-family' => 'serif'),
    'line' => 1,
));

$mpdf->defHTMLHeaderByName('myHeader2','<div style="text-align: center; font-weight: bold;">Chapter
2</div>');

$mpdf->WriteHTML('Your Introduction');

// Selects new headers for ODD and EVEN pages to use from the new page onwards
// Note the html_ prefix before the named HTML header
$mpdf->AddPageByArray(array(
    'condition' => 'NEXT-ODD',
    'ohname' => 'myHeader',
    'ehname' => 'html_myHeader2',
    'ohvalue' => 1,
    'ehvalue' => 1,
));

$mpdf->WriteHTML('Your Book text');

// Turns all headers/footers off from new page onwards
$mpdf->AddPage('', 'NEXT-ODD', '', '', '', '', '', '', '', '', '', '', '', -1, -1, -1, -1);
$mpdf->AddPageByArray(array(
    'condition' => 'NEXT-ODD',
    'ohvalue' => -1,
    'ehvalue' => -1,
    'ofvalue' => -1,
    'efvalue' => -1,
));

$mpdf->WriteHTML('End section of book with no headers');

?>
```

**Example #5** - Blank template as example

```
<?php

$mpdf=new mPDF();
$mpdf->WriteHTML('Introduction');
$mpdf->AddPageByArray(array(
    'orientation' => '',
    'condition' => '',
    'resetpagenum' => '',
    'pagenumstyle' => '',
    'suppress' => '',
));
```

```
'mgl' => '',
'mgr' => '',
'mgt' => '',
'mgb' => '',
'mgh' => '',
'mgf' => '',
'ohname' => '',
'ehname' => '',
'ofname' => '',
'efname' => '',
'ohvalue' => 0,
'ehvalue' => 0,
'ofvalue' => 0,
'efvalue' => 0,
'pagesel' => '',
'newformat' => '',
));

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

?>
```

## Notes

**Note:** Unlike FPDF **AddPage()** or **AddPageByArray()** does not need to be called at the beginning of the document if you are writing HTML code to the document. WriteHTML() will automatically add the first page to a new document.

## See Also

- <pagebreak> - Custom HTML tag - equivalent to **AddPage()** or **AddPageByArray()**

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