

# mPDF()

(mPDF >= 5.0)

mPDF - Initialise an instance of mPDF class

## Description

```
class mPDF ([ string $mode [, mixed $format [, float $default_font_size [, string $default_font [, float $margin_left [, float $margin_right [, float $margin_top [, float $margin_bottom [, float $margin_header [, float $margin_footer [, string $orientation ]]]]]]]])
```

Initialise an instance of mPDF class.

## Parameters

*mode*

This parameter specifies the mode of the new document.

**DEFAULT: BLANK**

**Codepage Values** (case-insensitive)

**BLANK**

"C"

"...-X"

"...-S" or "S"

"...+aCJK" or "+aCJK"

"...-aCJK" or "-aCJK"

where ... can be any string. Only language/country codes will have any effect, but other strings are parsed for backwards compatability (but have no effect).

Only some combinations make sense. See Choosing a configuration for more details.

**Country/Language code values** (case-insensitive)

Country/language codes are defined in `config_cp.php`

A country/language code can be passed as e.g. "en-GB" or "en\_GB" or "en"

**Note:** If the *mode* is set by passing a country/language string, this may also set: available fonts, text justification, and directionality **RTL** (as determined by `config_cp.php`)

**Note:** There is a useful list of language/country codes at:  
<http://www.i18nguy.com/unicode/language-identifiers.html>

*format*

*format* can be specified either as a pre-defined page size, or as an array of width and height in millimetres (see Example #2 below).

**DEFAULT: "A4"**

**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)  
 Ledger, Tabloid\*

All of the above values can be suffixed with "-L" to force a Landscape page orientation document e.g. "A4-L".  
 If *format* is defined as a string, the final *orientation* parameter will be ignored.

\*Ledger and Tabloid are standard formats with the same page size but different orientation (Ledger is landscape, and Tabloid is portrait). mPDF treats these identically; if you wish to use Ledger, you should specify "Ledger-L" for landscape.

#### *default\_font\_size*

Sets the default document font size in **points** (pt)  
**BLANK** or omitted or 0 uses the default value set in *defaultCSS*.

#### *default\_font*

Sets the default font-family for the new document.  
**BLANK** or omitted uses default value set in *defaultCSS* unless *codepage* has been set to "win-1252". If *codepage*="win-1252", the appropriate core Adobe font will be set i.e. Helvetica, Times, or Courier.

*margin\_left*  
*margin\_right*  
*margin\_top*  
*margin\_bottom*  
*margin\_header*  
*margin\_footer*

Sets the page margins for the new document.  
 All values should be specified as **LENGTH** in millimetres.  
 If you are creating a **DOUBLE-SIDED** document, the margin values specified will be used for **ODD** pages; left and right margins will be mirrored for **EVEN** pages.  
**BLANK** or omitted uses the default values.

#### **DEFAULT Values**

*margin\_left* 15  
*margin\_right* 15  
*margin\_top* 16  
*margin\_bottom* 16  
*margin\_header* 9  
*margin\_footer* 9

#### *orientation*

This attribute specifies the default page orientation of the new document if *format* is defined as an array. This value will be ignored if *format* is a string value.  
**DEFAULT:** "P"

#### **Values** (case-insensitive)

P: **DEFAULT** Portrait  
 L: Landscape

## Changelog

Version	Description
2.0	The <i>orientation</i> parameter was added.
5.0	The <i>mode</i> parameter renamed (from <i>codepage</i> ), and recognised values changed

## Examples

### Example #1

```
<?php
include("../mpdf.php");
$mpdf=new mPDF();
$mpdf->WriteHTML('<p>Hallo World</p>');
$mpdf->Output('filename.pdf');
exit;
?>
```

### Example #2

```
// Define a new mPDF document using utf-8 fonts
$mpdf=new mPDF('utf-8');

// Define a new mPDF document using win-1252 fonts based on a language/country code
$mpdf=new mPDF('en-GB');

// Define a Landscape page size/format by name
$mpdf=new mPDF('utf-8', 'A4-L');

// Define a page size/format by array - page will be 190mm wide x 236mm height
$mpdf=new mPDF('utf-8', array(190,236));

// Define a page using all default values except "L" for Landscape orientation
$mpdf=new mPDF('', '', 0, '', 15, 15, 16, 16, 9, 9, 'L');
```

## Notes

**Note:** `_MPDF_PATH` was required to be defined explicitly prior to mPDF 4.0 e.g. `define('_MPDF_PATH','../')`. From mPDF 4.0 the value should be automatically defined by the script itself when including the `mpdf.php` file.

## See Also

- `WriteHTML()` - Write HTML to the document
- `Output()` - Finalise and output the document

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