

mPDF()

(mPDF <= 4.6)

mPDF – Initialise an instance of mPDF class

Description

```
class mPDF ([ string $codepage [, 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

codepage

This parameter specifies the codepage of the new document.

DEFAULT: win-1252

Codepage Values (case-insensitive)

utf-8
win-1252|windows-1252|cp1252
win-1251|windows-1251|cp1251
iso-8859-2
iso-8859-4
iso-8859-7
iso-8859-9
big5|big-5
gbk|cp936
uhc|cp949
shift_jis|shift-jis|sjis

Country/Language code values (case-insensitive)

codepage can be set from the country/language code, as determined in `htmltoolkit.php`

The country/language can be passed as "en-GB" or "en_GB" or "en"

win-1252

set by: en|ca|cy|da|de|es|eu|fr|ga|fi|is|it|nl|no|pt|sv

iso-8859-2

set by: cs|hr|hu|pl|ro|sk|sl

iso-8859-4

set by: et|kl|lt|lv

win-1251

set by: bg|mk|ru|sr|uk|tr

iso-8859-7

set by: el

SHIFT_JIS

set by: ja

UHC

set by: ko

BIG5

set by: zh-HK|zh-TW

GBK

set by: zh-CN|zh

All others will set *codepage* as "utf-8"

Any of the *codepage* values that result in a multibyte encoded PDF file (including utf-8 itself) can be followed by -s to force embedding of font subsets. (mPDF >= 4.0)

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

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

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. This value will be ignored if *format* is suffixed with "-L" to force a Landscape page orientation document e.g. "A4-L".

DEFAULT: "P"

Values (case-insensitive)

P: **DEFAULT** Portrait

L: Landscape

Changelog

Version	Description
2.0	The <i>orientation</i> parameter was added.

Examples

Example #1

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

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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